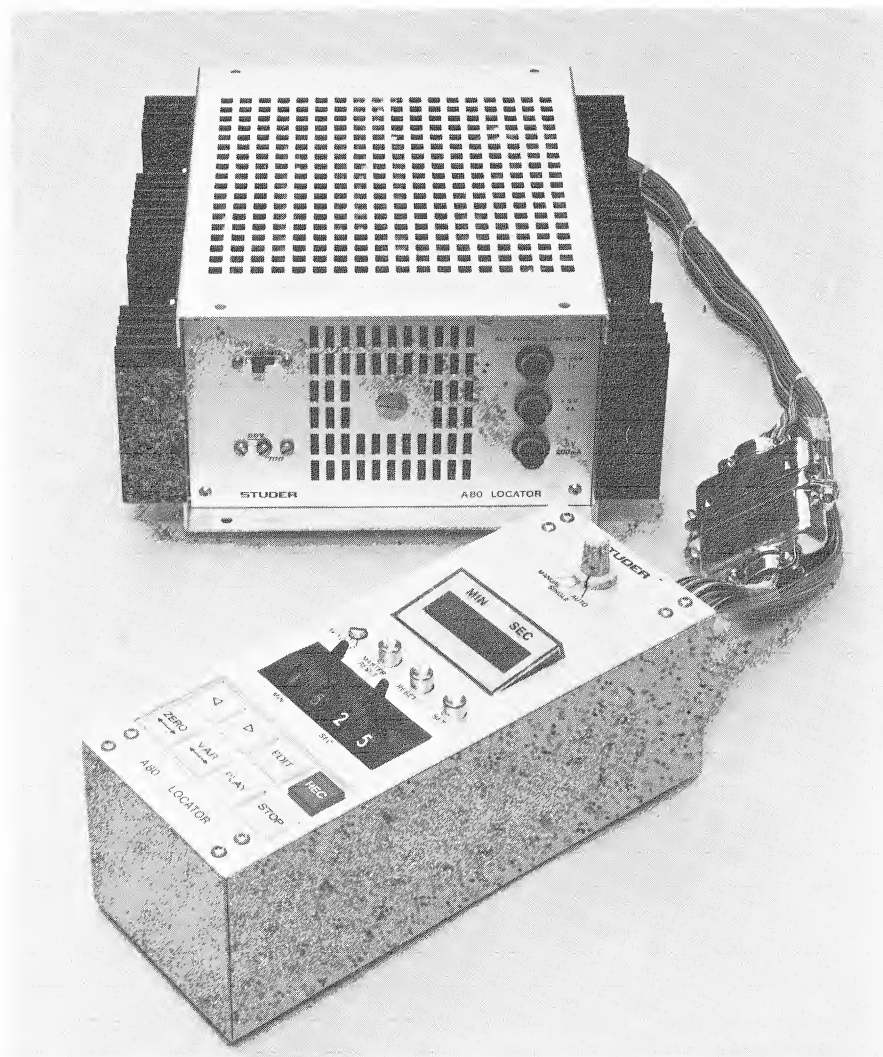


PRODUCT INFORMATION 1/78_E



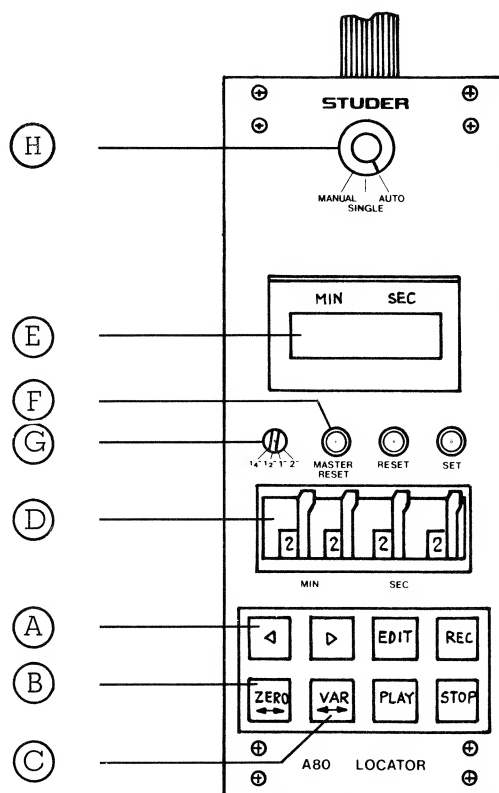
AUTOLOCATOR **PRESELECTOR UNIT FOR STUDER A80**

The A 80 Preselector Unit permits rapid and accurate location of a preprogrammed position on a tape. Simply pressing a button automatically locates an arbitrarily chosen zero on the tape position indicator or a preselected tape time. With the braking times normally adjusted, the location of the required place is achieved without overrunning the preselected point on the tape.

By using timing pluses from the tape-positioning electronics the preselector unit works with high accuracy: Within one second on 7.5/15 inches per second machines within 0.5 seconds on 15/30 inches per second machines. The A80 Preselector Unit eases the task of the sound engineer during recording and mixing, thus enabling him to work more efficiently.

The Preselector Unit is very useful not only in recording studios but in any application where it is necessary to listen to a recording over and over again. The preselector consists of a command unit which is connected to the electronic unit by means of a cable.

Operating Instruction for the A 80 Preselector Unit



Input Unit

- A Tape deck operating buttons.
- B ZERO button for automatic location of tape counter position 00.00.
- C VAR button for automatic location of preselected position.
- D Coding thumbwheel for selection of required tape position and for setting the counter.
- E Electronic minutes/seconds counter with SET and RESET pushbuttons.
- F MASTER RESET pushbutton.
- G Switch for setting tape width (1/4, 1/2, 1 and 2 inches).

To facilitate installation in a mixing desk, the casing can be dismantled.

- H Switch for operating function: manual, single, auto

Electronic Unit

Front Panel

The following items:

- Three fuses
- Switch plate for breaking the chassis-0.0 connection
- 50/60 Hz change-over switch

Rear Panel

The following items:

- Cable to input unit
- 36-pole Amphenol connector tape deck control
- 24-pole Amphenol connector for additional indicator units
- 14-pole Amphenol connector for power supply

Operation

Automatic location is initiated by pressing one of the two buttons ZERO or VAR. The ZERO key locates the tape position 00.00 provided by the tape counter E ; the VAR key locates L the tape position pre-selected on the coding switch D .

The search procedure ends:

- a When the prescribed tape position is reached,whereupon the unit goes to STOP or PLAY.
- b By pressing the STOP button.
- c Automatically, e.g. at the end of the tape.

Whereas the transport buttons A have their normal functions when the search function is not activated,certain buttons behave differently in the following manner during the automatic process:

- a FORW/REW: Dominant all the time the button is pressed; reverts to automatic when released.

- b PLAY: Cannot be activated.
By pressing the PLAY button during automatic running, the PLAY function is preprogrammed so that the unit goes over automatically to PLAY the moment the tape stops at the preselected position.

Should the unit switch prematurely to the PLAY function during the search procedure, the STOP and PLAY keys must be pressed one after the other.

The MASTER RESET button F resets counter E and the tape deck counter to zero. The RESET button sets only the preselector counter E to zero. In this way the tape deck counter can be used for the actual length of a production whilst the preselector counter E can, for example, be set back to zero for each new section of the programme.

The SET button transfers a value preselected on the coding switch to the preselector counter E .

The two switches $\frac{1}{4}$ - $\frac{1}{2}$ - 1 - 2 inches G , and 50/60 Hz (in the electronic unit), together with automatic adjustment to the appropriate tape speed, allow a preselected position on the tape to be approached at the highest possible speed consistent with not overrunning the preselected position.

Restrictions

- On 15/30 inches per second units, half-seconds are indicated; however, only full seconds can be set on the coding switch. As a result, ZERO button initiates automatic search with an accuracy within a step of 0.5 secs. The counter reading, however, can be set only to whole seconds.
- There is no provision for connecting additional deck controls (no output).
- The automatic functions cannot be remotely controlled.
- A preprogramming facility for the RECORD function, analogous to the PLAY function, is not possible for safety reasons.

Power Supply

The power supply for the preselector is provided via the 14-pole "SUPPLY" Amphenol connector. Required are (approx.):

- + 10 V/ 3 A
- 10 V/ 150 mA unstabilised
- + 31 V/ 400 mA

The stabilisation is built in.

The voltages can be taken from the "REMOTE POWER SUPPLY", which can be up to 20 metres away (with a suitably large gauge of wiring) or can be installed, for example, in the bottom of the mixing desk.

This "RPS" may be required at the same time for supplying additional A 80 accessory units.

26.4.1976

FK/ge

The right is reserved to make alterations in the interests of technical improvement.

[illegible]

Remove cover from rear face

- Pull out mains connector on rear face.
- Undo the 2 socket head screws on the rear face.
- Fold down cover plate.

Modification to wiring

From remote control plug GR 22 to control unit GR 20.

| Signal Name | Length | Colour | FROM | | | | TO | | | |
|-------------|--------|--------|------|----|----|------|----|----|-----|------|
| | | | GR | EL | PT | Type | GR | EL | PT | Type |
| YPS-MOVE | 1020 | violet | 22 | 22 | 9 | L | 20 | 10 | 16A | V |
| - 5.8 | 1050 | blue | 22 | 22 | 15 | L | 20 | 10 | 24B | V |
| S-HIGH | 1000 | yellow | 22 | 22 | 27 | L | 20 | 2 | 13 | V |

GR = Group

EL = Element

PT = Connection point

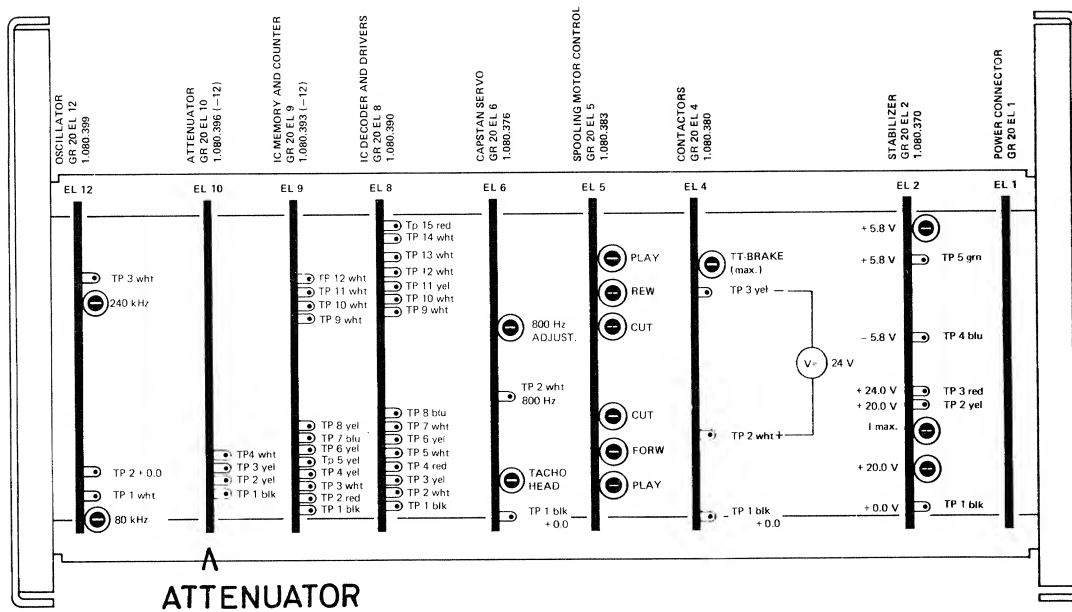
L = Soldered joint

V = Plug socket

The 3 new leads are to be included in the existing bundle of wires (laid into the existing bundle of wires). This leads from the remote control plug (GR 22) to the control unit (GR 20). The old wiring ties are to be cut in turn and replaced immediately the new wires have been laid.

ATTENUATOR (GR 20 EL 10) Logic Card Change

- Replace logic card ATTENUATOR EL 10 (1.080.396-12) by new logic card 1.080.396-13.

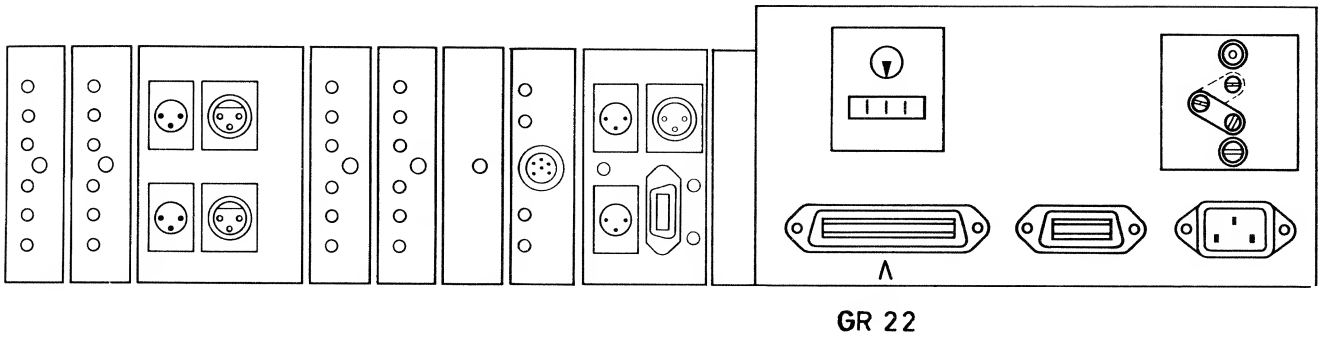


Checks

- Visual check of wiring at remote control plug GR 22:
 Connection point 9 violet wire
 Connection point 15 blue wire
 Connection point 27 yellow wire
- Reading with unearthed multimeter:
 Connection point 15 relative to connection point 30: -5.8 VDC
 Connection point 27 relative to connection point 12 with
 tape speed 7.5 ips (15 ips) : 0 V
 tape speed 15 ips (30 ips) : 24 VDC
 Connection point 9 relative to connection point 12, turning the right hand guide pulley very slowly produces irregular changes of potential between 0 V approx. and 24 VDC approx. If turned faster, an average d.c. voltage is established.

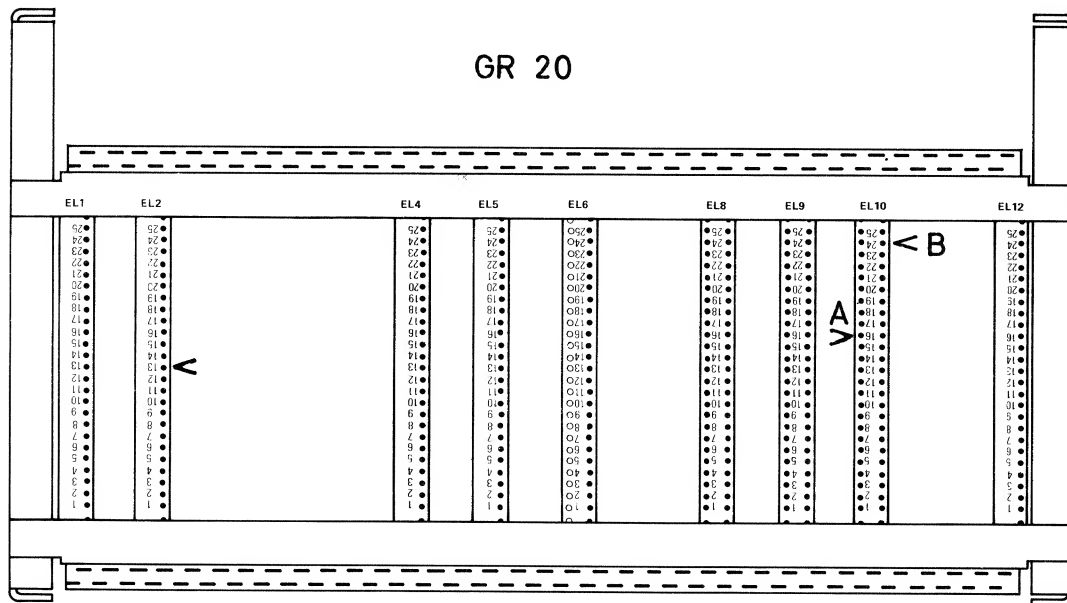
INSTALLATION INSTRUCTIONS
PRESELECTOR FOR STUDER A 80 R

Front View A 80/R



Control Unit

Wiring Side



Remove cover from rear face

- Full out mains connector on rear face
- Undo the 2 socket head screws on the rear face
- Fold down the cover plate

Modification to wiring

From remote control plug GR 22 to control unit GR 20.

| Signal Name | Length | Colour | FROM | | | | TO | | | |
|-------------|--------|--------|------|----|----|------|----|----|-----|------|
| | | | GR | EL | PT | Type | GR | EL | PT | Type |
| YPS-MOVE | 1020 | violet | 22 | 22 | 9 | L | 20 | 10 | 16A | V |
| -5.8 V | 1050 | blue | 22 | 22 | 15 | L | 20 | 10 | 24B | V |
| S-HIGH | 1250 | yellow | 22 | 22 | 27 | L | 20 | 2 | 13 | V |

GR = Group

EL = Element

PT = Connection point

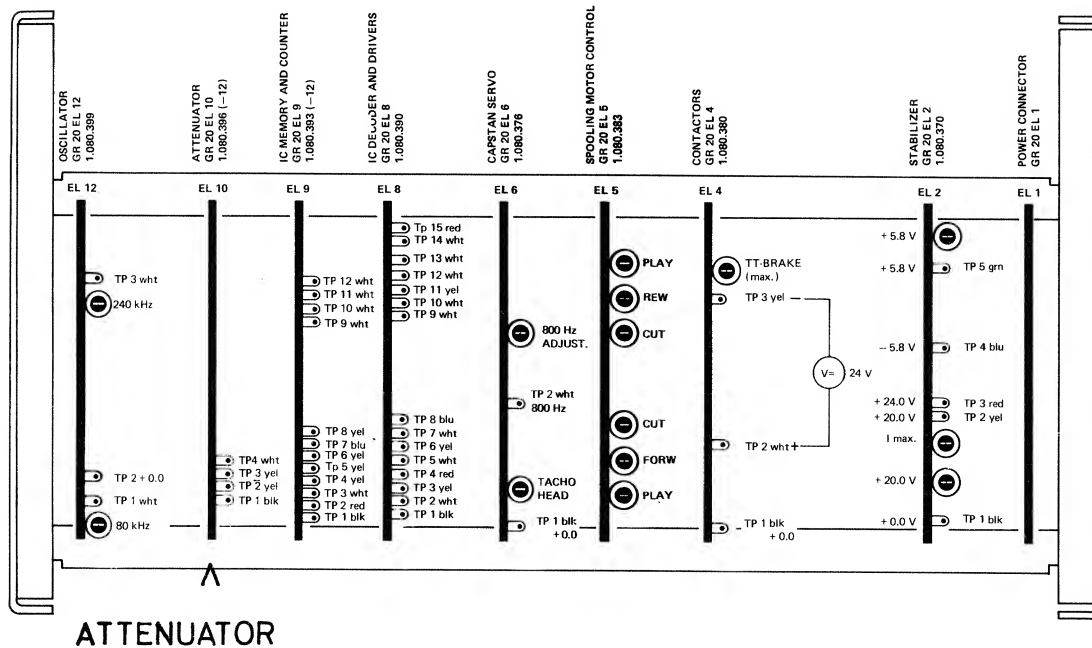
L = Soldered joint

V = Plug socket

The 3 new leads are to be included in the existing bundle of wires (laid in the existing bundle of wires). This leads from the remote control plug (GR 22) to the control unit (GR 20). The old wiring ties are to be cut in turn and replaced by new ones immediately the leads have been laid.

ATTENUATOR (GR 20 EL 10) Logic Card Change

- Replace logic card ATTENUATOR EL 10 (1.080.396-12) by new logic card 1.080.396-13.



Checks

- Visual checks of wiring at remote control plug GR 22:
 Connection point 9 violet wire
 Connection point 15 blue wire
 Connection point 27 yellow wire
 - Reading with unearthed multimeter:
 Connection point 15 relative to connection point 30: -5.8 VDC
 Connection point 27 relative to connection point 12 with
 tape speed 7.5 ips (15 ips): 0 V
 tape speed 15 ips (30 ips): 24 VDC
- Connection point 9 relative to connection point 12, turning the right hand guide pulley very slowly produces irregular changes of voltage between 0 V approx. and 24 VDC approx. If turned faster, an average d.c. voltage is established.

Conversion Instructions for Automatic Preselector

The conversion affects only the input unit. The complete conversion kit can be obtained under Order No. 1.228.290. This conversion kit includes the following items:

- 1 "S" casing
- 1 Front panel
- 1 U-extension
- 1 Display bracket
- 1 Circuit card including wiring, switch and fixing bracket
- 4 Countersunk screws
- 1 Rotary knob with nut cover

Removal of Input Unit without Automatic Unit

- 1.1 Remove input unit
- 1.2 Unscrew front panel and display bracket

Installation of the Automatic Unit in the Input Unit

- 2.1 Fix new display bracket
- 2.2 Screw on U-extension and circuit card
- 2.3 Fit new front panel
- 2.4 Screw on switch
- 2.5 Insert wiring
- 2.6 Install input unit and automatic unit

Removal of Input Unit without Automatic Unit

- 1.1 - Undo the top outer 2 socket head screws and the bottom outer 2 socket head screws.
 - Remove the input unit from the casing or mixing desk.
- 1.2 - Undo the remaining 4 socket head screws and remove the front panel.
 - Unscrew the display bracket (2 screws).

Installation of the Automatic Unit in the Input Unit

- 2.1 - Screw on new display bracket.
 - 2 roundhead screws on display.
 - 2 countersunk screws on U front panel.
- 2.2 - Place U-extension on display bracket.
 - Hold circuit-card with soldered wiring under display bracket. (Soldered side towards display).
 - Screw on U-extension, display bracket and circuit-card with 2 countersunk screws.
- 2.3 - Fix front panel with the 4 inner socket head screws.
- 2.4 - Push the rotary switch through its hole from underneath. (Projection on rotary switch in small hole).
 - Tighten nut from above.
 - Attach rotary knob with nut cover to switch spindle.
 - Press cap onto rotary knob.
- 2.5 - Push the plug of the automatic unit into the lower connector of the input unit.
 - Join the connector of the automatic unit to the plug of the electronic unit. (Check orientation of plug).
 - The second plug of the electronic unit is inserted between the wires of the automatic unit into the upper plug of the input unit.
- 2.6 - Fit the input unit back into the casing or mixing desk with the 4 outer socket head screws.

Accessory to Preselector Unit

An automatic unit is available as an accessory. This can be integrated into the input unit without any difficulty by changing the front panel.

Function:

The automatic unit has three stages of operation.

1. MANUAL

All the operating controls of the preselector can be used normally.

2. SINGLE

The selected tape drive function (input operation of the deck) is maintained until the preselected time. When this position is reached, the machine automatically goes over to rewind () up to the park position 00.00.

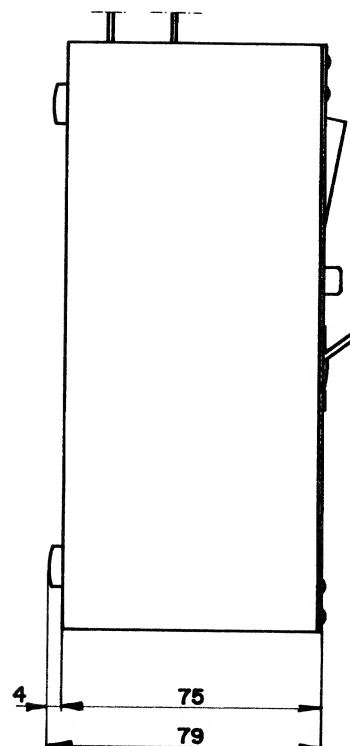
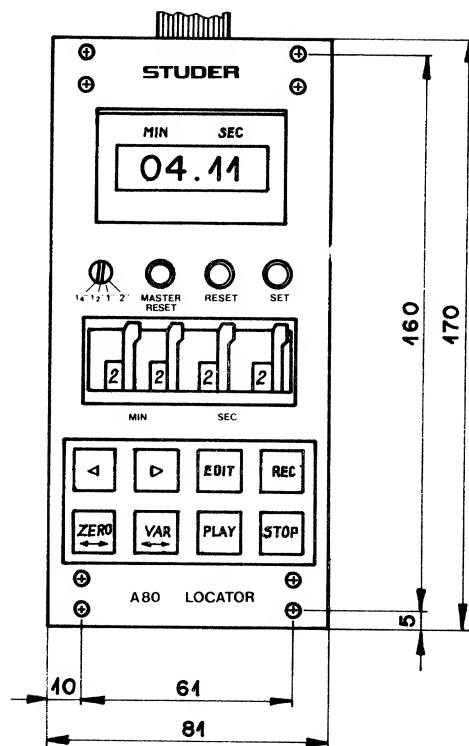
3. AUTO

Similar sequence as for SINGLE except that arrival at (but, after reaching) the park position 00.00 is followed by automatic starting on PLAY.

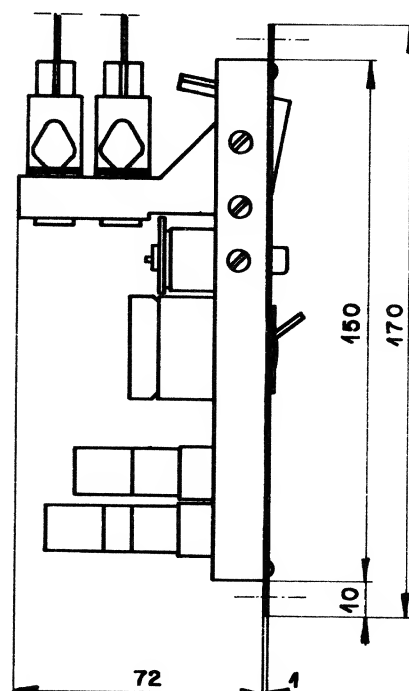
For safety reasons the automatic start always takes place on PLAY, regardless of the originally entered tape drive function (input operating function for the deck).

27.4.1976

FK/ge

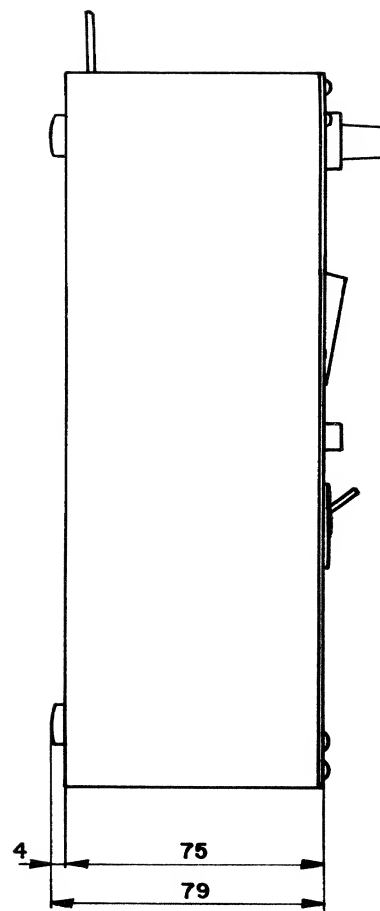
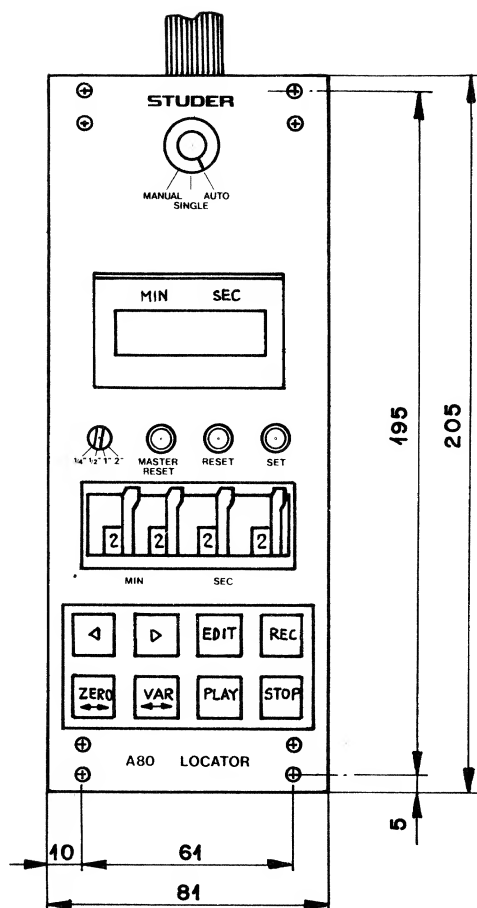


Einbau in Mischpult
ohne Gehäuse →

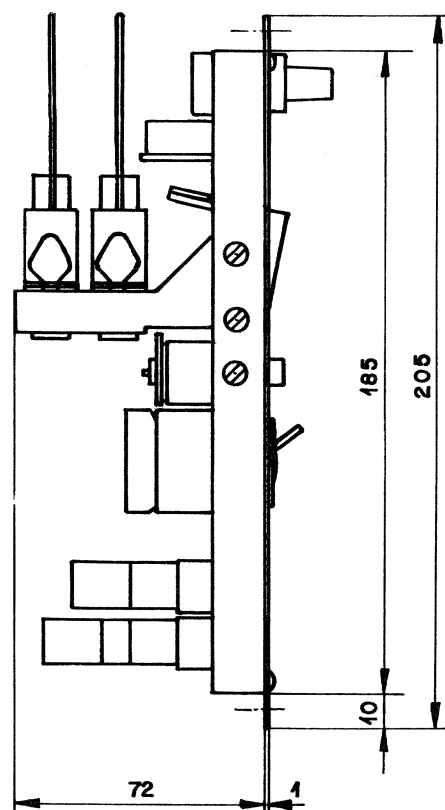


A 80 Locator control

4441

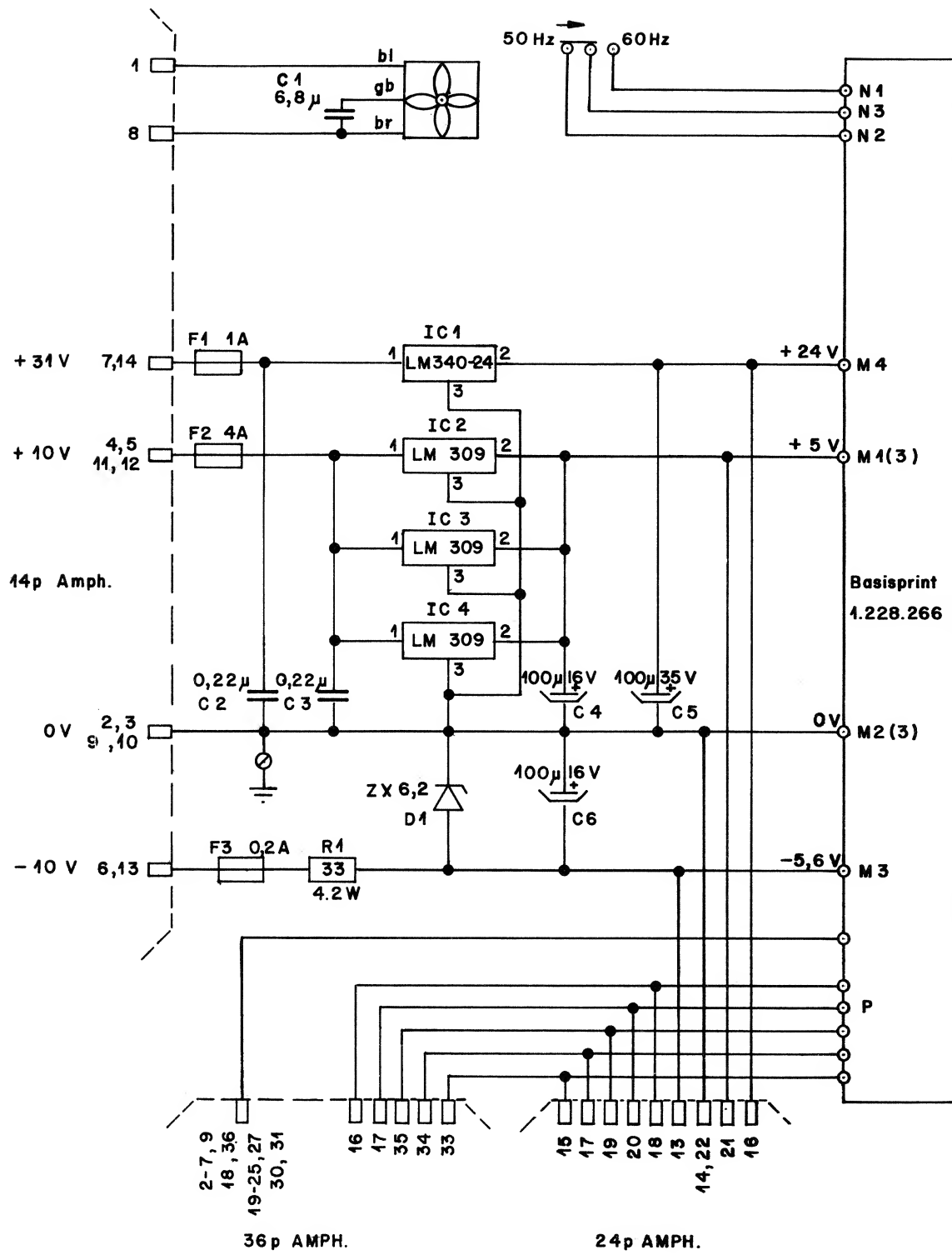


Einbau in Mischpult
ohne Gehäuse →

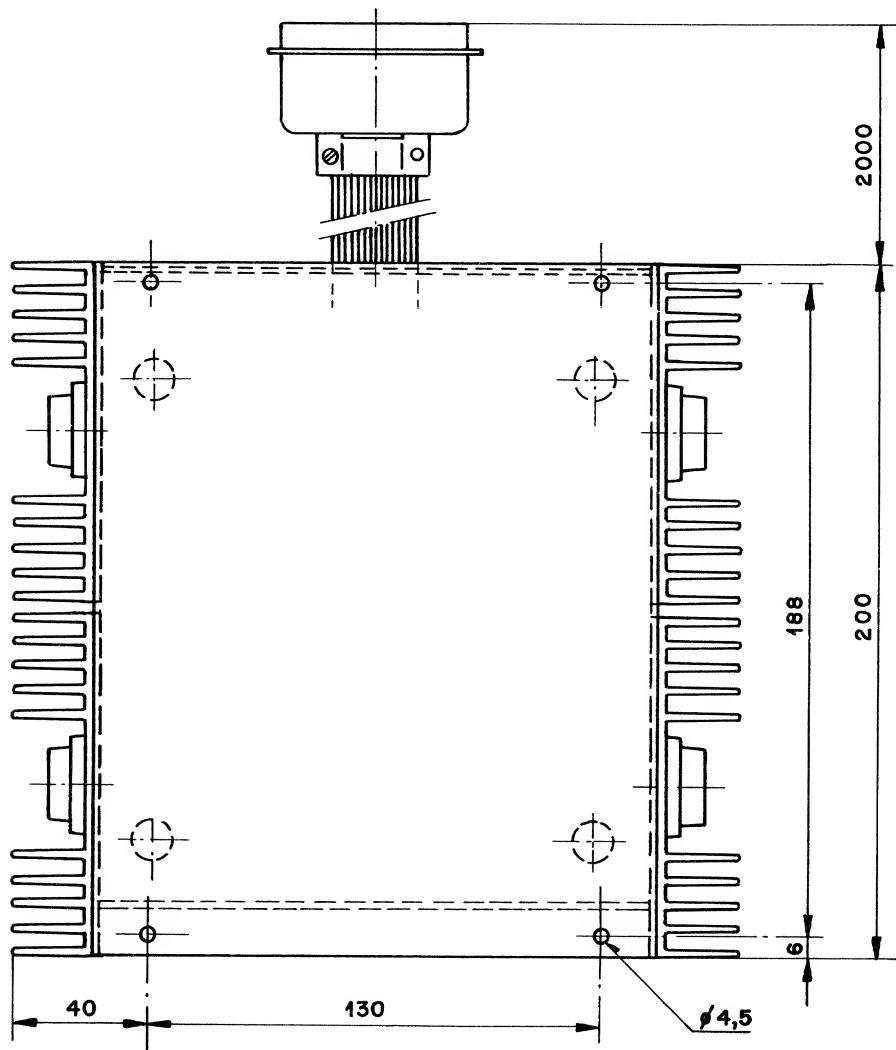
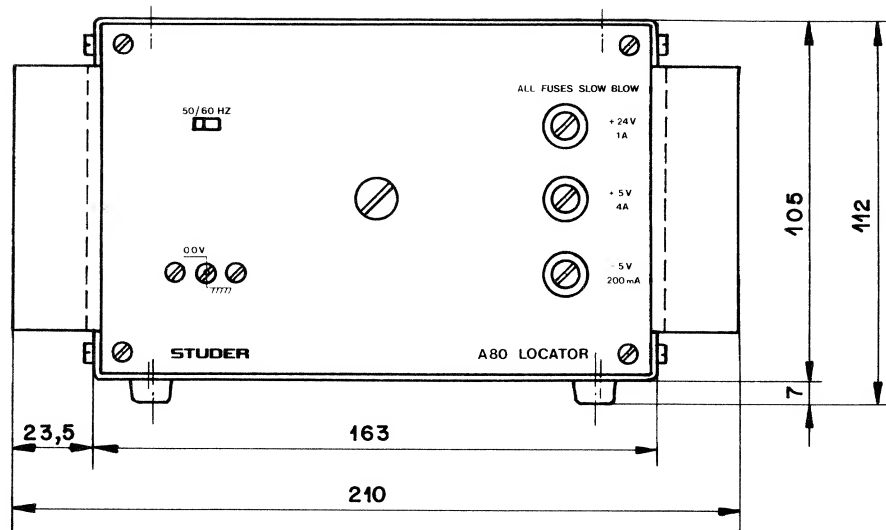


A 80 Locator with manual auto control

4442

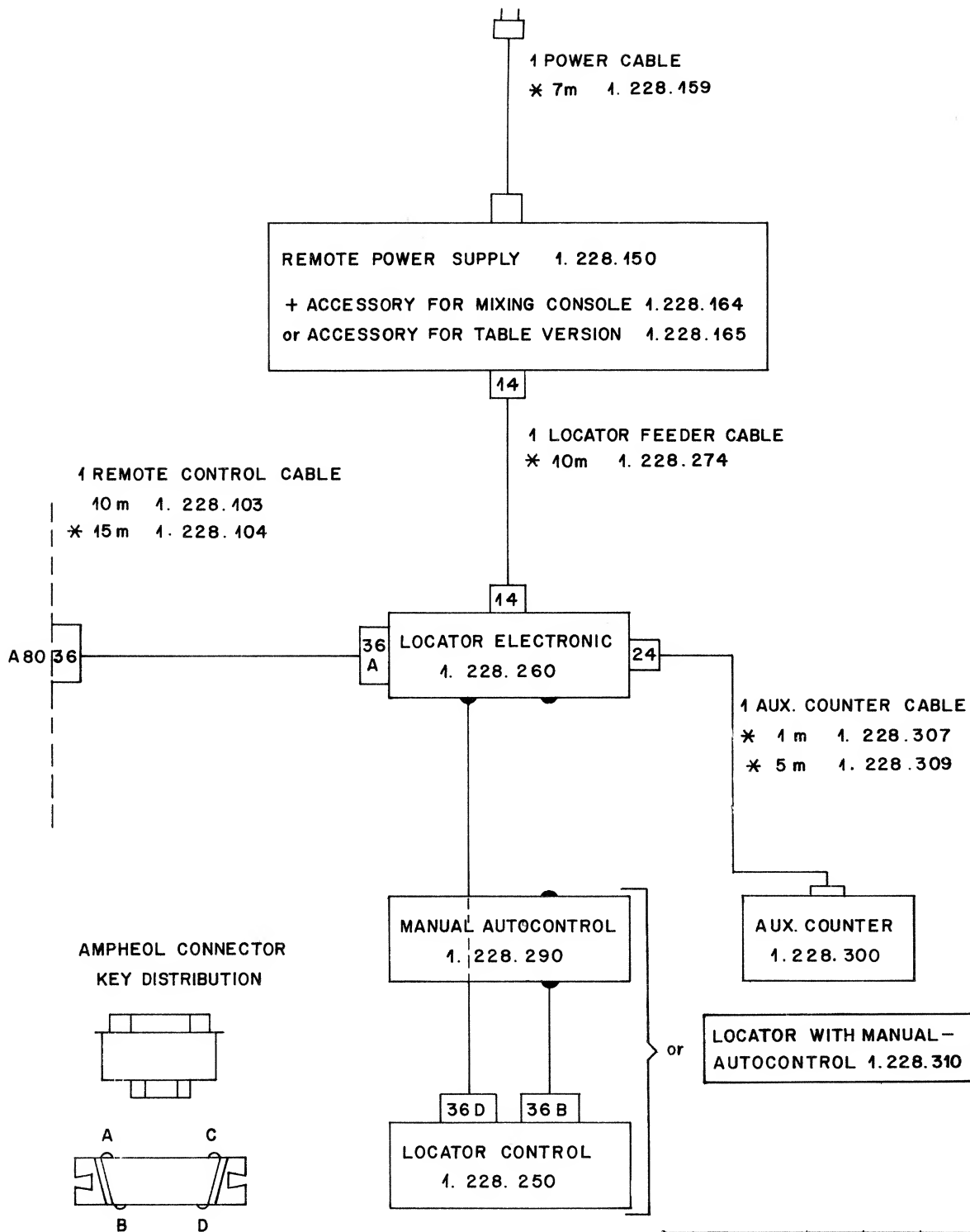


| | | | | | | | | |
|--------------------------------|--|--------------------------------------|----------|--------------------------------------|--------|-------|------|-------|
| DIN-Bez.: | | Oberfläche Beh.: | Änderung | | | | | (2) |
| Abmessung: | | | | | | | | (1) |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 4.9.73 | Ho | Ka | (0) |
| | | ± | | Datum | Gez. | Gepr. | Ges. | Index |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Locator electronic | | Nummer: 7. 228.260 Blatt 1 | | | | |



A 80 Locator electronic

4444



* DELIVERY EX STOCK

| | | | | | | | | | | | |
|--------------------------------|--|-------------------|----------|--|------------|--|-----------|-------|------|-------|---|
| * DELIVERY EX STOCK | | | Änderung | | | | | ③ | | | |
| | | | | | | | | ② | | | |
| | | | | | | | | ① | | | |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | | Ausgabe | | 19. 9. 73 | Ho | | | ④ |
| | | ± | | | Datum | | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | | Kopie für: | | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: | | | Nummer: | | | | | | |
| | | A 80 LOCATOR | | | 4507 | | | | | | |

Anschlusschema der Flachbandkabel an Basisprint 1.228.266 und Preset Board 1.228.268

Stecker D

| | Basis Print | Stecker Anschl. | Basis Print | |
|--|----------------|--------------------|----------------|---------------------------|
| | O 1 | 1 | 19 I 4 | |
| | O 2 | 2 | 20 L 1 | |
| | O 3 | 3 | 21 L 2 | |
| | O 4 | 4 | 22 C 16 | |
| | O 5 | 5 | 23 C 15 | |
| | 6 | 6 | 24 C 14 | |
| | 7 | 7 | 25 C 13 | |
| | 8 | 8 | 26 C 12 | |
| | 9 | 9 | 27 C 11 | |
| | 10 | 10 | 28 C 10 | Preset board 1.228.268 |
| | 11 | 11 | 29 C 9 | |
| | 12 | 12 | 30 C 7 | |
| | 13 | 13 | 31 C 6 | |
| | 14 | 14 | 32 C 5 | |
| | 15 | 15 | 33 C 4 | |
| | 16 | 16 | 34 C 3 | |
| | 17 | 17 | 35 C 2 | |
| | 18 | 18 | 36 C 1 | |

Stecker B

| | Basis Print | Stecker Anschl. | Basis Print | |
|--|----------------|--------------------|----------------|--|
| | I 3 | 1 | 19 A 2 | |
| | I 1 | 2 | 20 A 4 | |
| | I 2 | 3 | 21 B 2 | |
| | F 2 | 4 | 22 B 3 | |
| | F 4 | 5 | 23 B 4 | |
| | E 2 | 6 | 24 G 2 | |
| | E 4 | 7 | 25 G 3 | |
| | D 1 | 8 | 26 G 4 | |
| | D 2 | 9 | 27 C 1 | |
| | D 3 | 10 | 28 C 3 | |
| | D 4 | 11 | 29 C 4 | |
| | K 3 | 12 | 30 H 1 | |
| | K 1 | 13 | 31 H 4 | |
| | Q | 14 | 32 H 2 | |
| | R | 15 | 33 H 3 | |
| | S | 16 | 34 C 2 | |
| | M 1 | 17 | 35 T | |
| | M 2 | 18 | 36 U | |

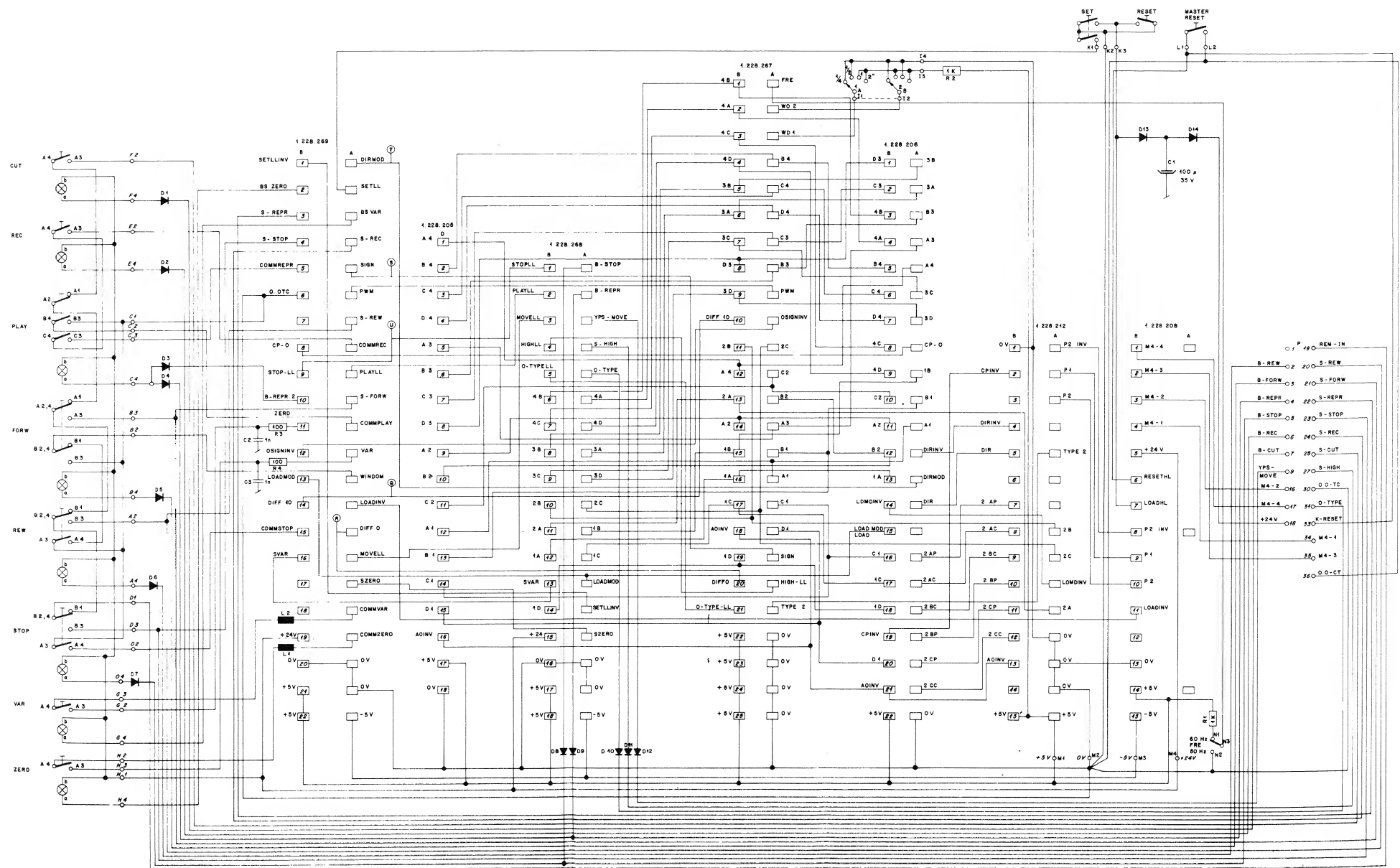
Kupplung D

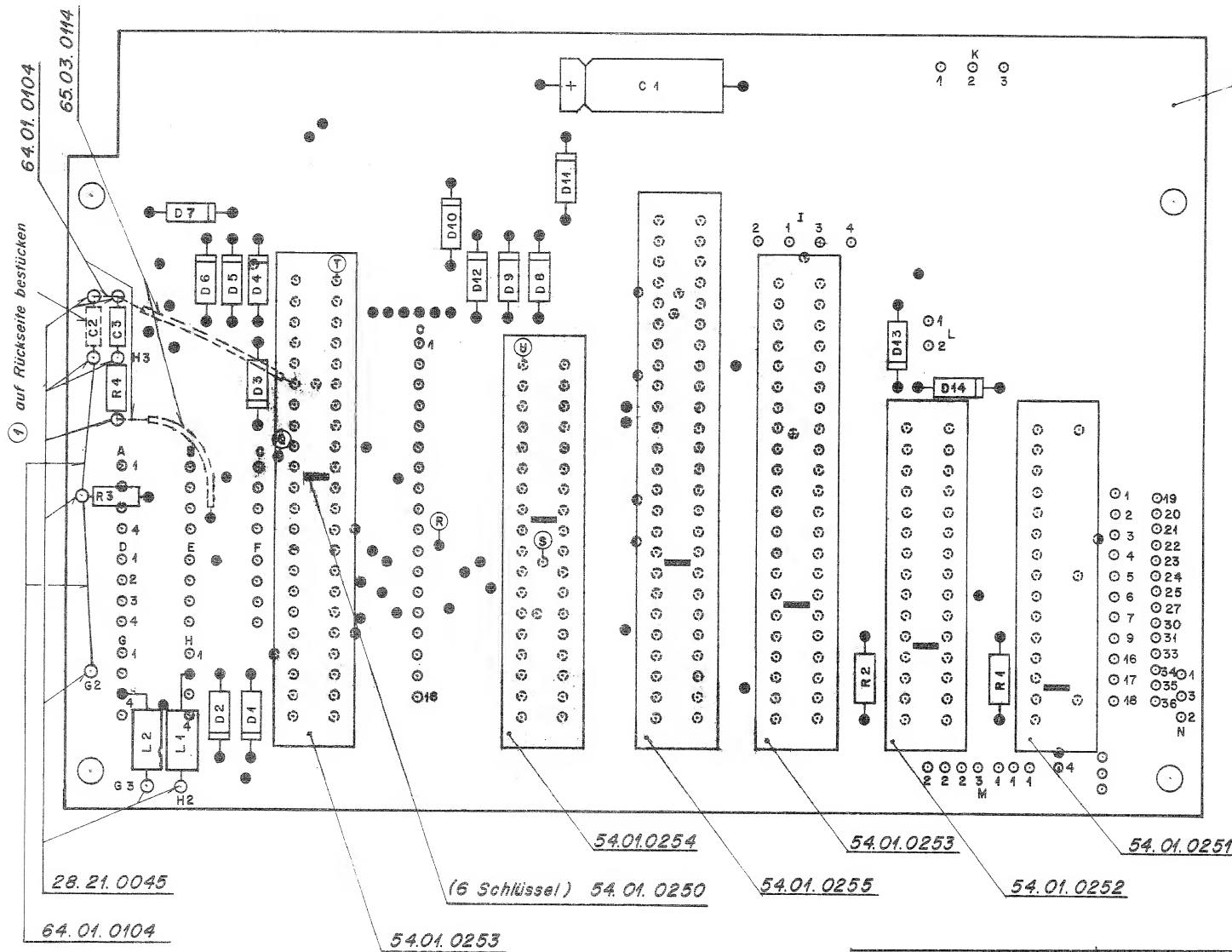
| | | Stecker Anschl. | | |
|----------------|-----|--------------------|--------|-------------------------------------|
| von Display | | 1 19 | O V | für Bandbr.Set, Reset,Thumbwheel |
| | | 2 20 | K-Res. | Master Reset |
| | | 3 21 | O.O CT | |
| | | 4 22 | ZM 1 | |
| | | 5 23 | ZM 2 | |
| | | 6 24 | ZM 4 | |
| | | 7 25 | ZM 8 | |
| | | 8 26 | EM 1 | |
| | | 9 27 | EM 2 | |
| | | 10 28 | EM 4 | von Thumbwheel |
| | | 11 29 | EM 8 | |
| | | 12 30 | ZS 1 | |
| | | 13 31 | ZS 2 | |
| | | 14 32 | ZS 4 | |
| | | 15 33 | ES 1 | |
| | | 16 34 | ES 2 | |
| | + 5 | 17 35 | ES 4 | |
| | O V | 18 36 | ES 8 | |

Kupplung B

| | | Stecker Anschl. | | |
|------------------------------------|---------|--------------------|---------|--|
| von Tasten- halter 1.228.259 | + R | 1 19 | REW B3 | |
| | WD 2 | 2 20 | REW a | |
| | WD 1 | 3 21 | FORW B2 | |
| | CUT A3 | 4 22 | FORW A3 | |
| | CUT a | 5 23 | FORW a | |
| | REC A3 | 6 24 | VAR A3 | |
| | REC a | 7 25 | VAR A4 | |
| | STOP B4 | 8 26 | VAR a | |
| | STOP A3 | 9 27 | Play B3 | |
| | STOP B3 | 10 28 | Play C3 | |
| | STOP a | 11 29 | Play a | |
| | | 12 30 | REC b | |
| | | 13 31 | ZERO a | |
| | | 14 32 | ZERO A4 | |
| | | 15 33 | ZERO A3 | |
| | | 16 34 | Play B4 | |
| | + 5 | 17 35 | | |
| | O V | 18 36 | | |

Locator-control 7.228.250





1.228.266-11

| | Erste | Letzte | Fehlt |
|---|-------|--------|-------|
| C | 1 | 3 | — |
| D | 1 | 14 | — |
| R | 1 | 4 | — |
| L | 1 | 2 | — |

| | | | | |
|----------|------|-------|------|-------|
| Änderung | | | | ③ |
| | | | | ② |
| 21.11.74 | Si | V | | ① |
| 13.9.73 | Ho | V | | ④ |
| Datum | Gez. | Gepr. | Ges. | Index |

| | | | |
|--|---|----------------------|------------|
| Zugehörige Unterlagen: Pos. Liste 1.228.266 Abbiageliste 8.228.266 | Freimasstoleranz: ± | Maßstab: 2:1 | Kopie für: |
| Ersatz für: | Ersetzt durch: | | |
| STUDER REGENSDORF ZÜRICH | Benennung: locator interconnector board | Nummer: 1.228.266 | |

| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung |
|---------------------------------------|--|------------------------|------|----------------------------|
| C 01 | 59.25.5101 | C 100 U, 50%, 40 V, EL | 1 | |
| C 02 | 59.32.1102 | 1 N, 10%, 500 V, KER | 1 | |
| D 01 | 50.04.0102 | D 1 N 914 SI | 1 | |
| D 02 | 50.04.0102 | | 1 | |
| D 03 | 50.04.0102 | | 1 | |
| D 04 | 50.04.0102 | | 1 | |
| D 05 | 50.04.0102 | | 1 | |
| D 06 | 50.04.0102 | | 1 | |
| D 07 | 50.04.0102 | | 1 | |
| D 08 | 50.04.0102 | | 1 | |
| D 09 | 50.04.0102 | | 1 | |
| D 10 | 50.04.0102 | | 1 | |
| D 11 | 50.04.0102 | | 1 | |
| D 12 | 50.04.0102 | | 1 | |
| D 13 | 50.04.0102 | | 1 | |
| D 14 | 50.04.0102 | | 1 | |
| R 01 | 57.02.5102 | R 1 K, 10%, .25 W, CMA | 1 | |
| R 02 | 57.02.5102 | | 1 | |
| R 03 | 57.02.5101 | 100, | 1 | |
| L 01 | 62.01.0115 | L Breitbanddrossel | 1 | |
| Aenderungen | ① | ② | ③ | ④ |
| STUDER REGENSDORF ZÜRICH | Positionenliste Locator Interconnector | | | Erstellt: <i>WA</i> |
| | | | | Geprüft: <i>10.9.73 Ko</i> |
| | | | | Blatt: 1 Blätter: 1 |
| Kopie für: | Ersatz für: | 1.228.266 | | |
| | Ersetzt durch: | | | |

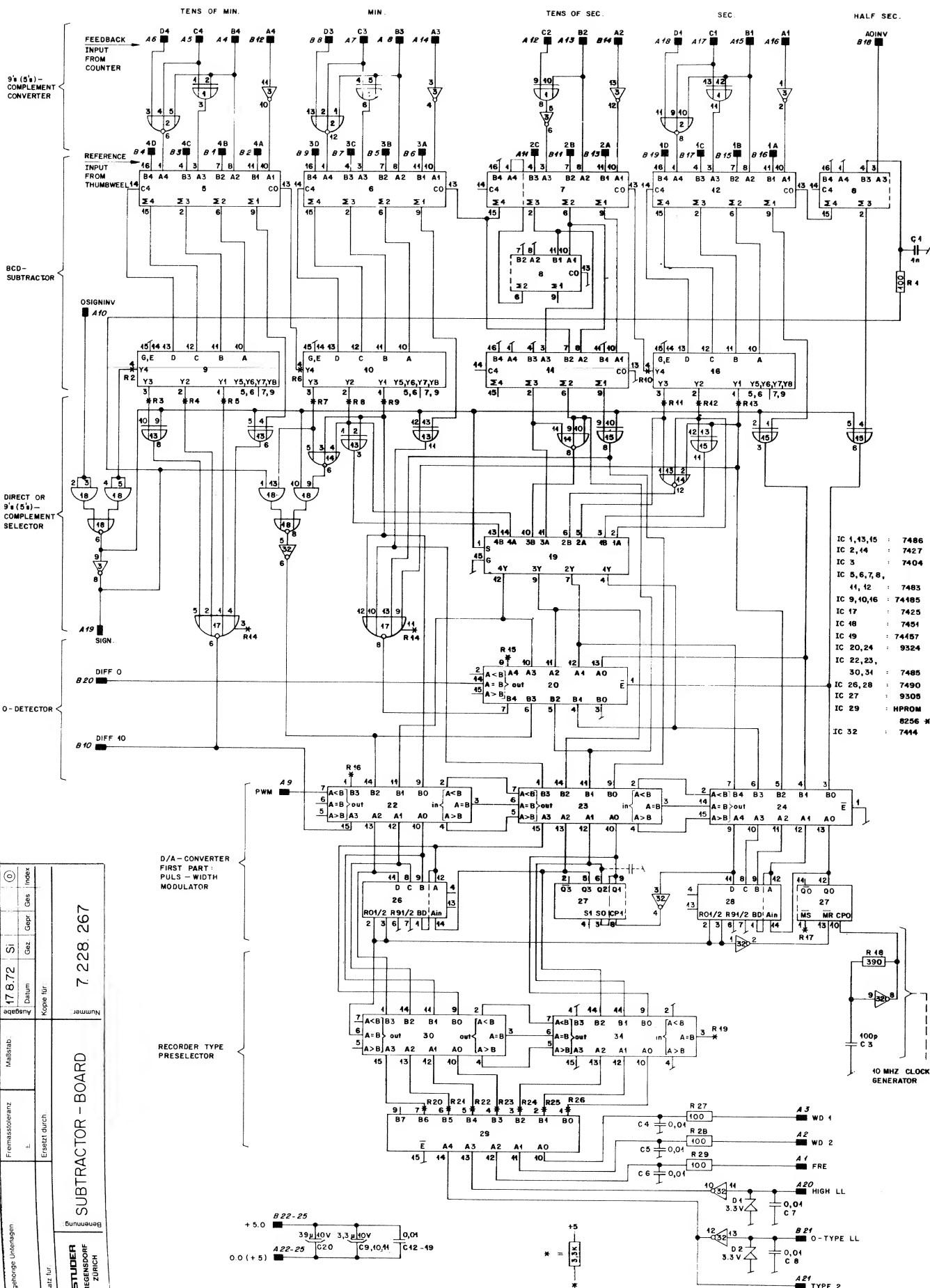
| | | | |
|--------------------------------|-----|--------------|--|
| ① | | Index | |
| 17.8.72 | SI | Ges | |
| Datum | Ges | Ges | |
| Ausgabe | | Kopie für | |
| Freimaststanz | | Ersatz durch | |
| Zugehörige Unterlagen | | Bemerkung | |
| SUBTRACTOR - BOARD | | | |
| STUDER REGENSDORF ZÜRICH | | | |

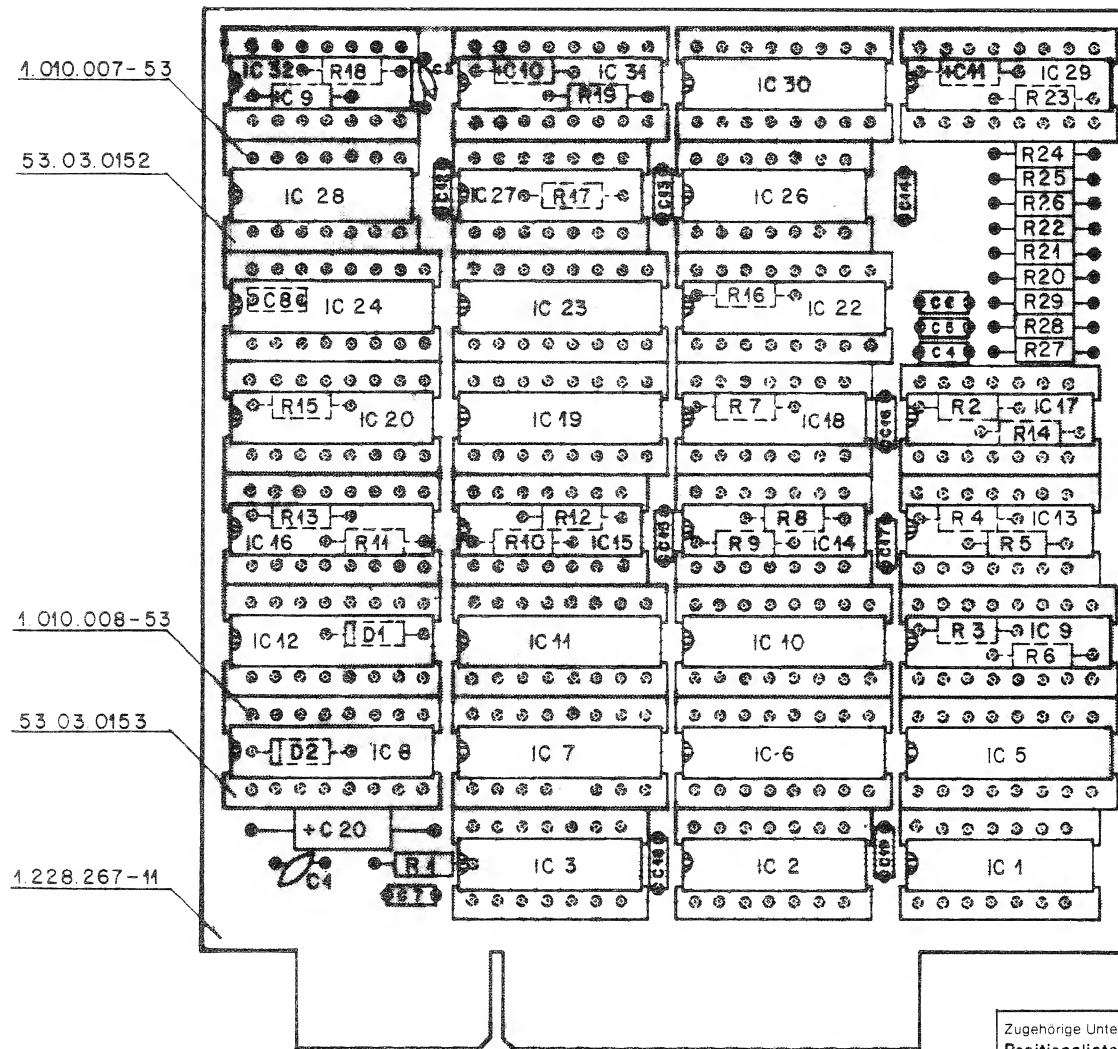
7 228.267

7 228.267

D/A - CONVERTER
FIRST PART -
PULS - WIDTH
MODULATOR

RECORDER TYPE
PRESECTOR





| | Erste | Letzte | Fehlt |
|----|-------|--------|-----------|
| C | 1 | 20 | 2 |
| IC | 1 | 32 | 4, 21, 25 |
| D | 1 | 2 | — |
| R | 1 | 29 | — |

| | | | | | | | | |
|--------------------------------|--|--------------------------------|------------|---------|----------------------|------|-----|-------|
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 20.8.73 | Ho | KE | 0 |
| Positionsliste | | 1.228.267 | | Datum | Gez | Gepr | Ges | Index |
| Abbiegelliste | | 8.228.267 | | | | | | |
| Ersatz für: | | Ersetzt durch: | Kopie für: | | | | | |
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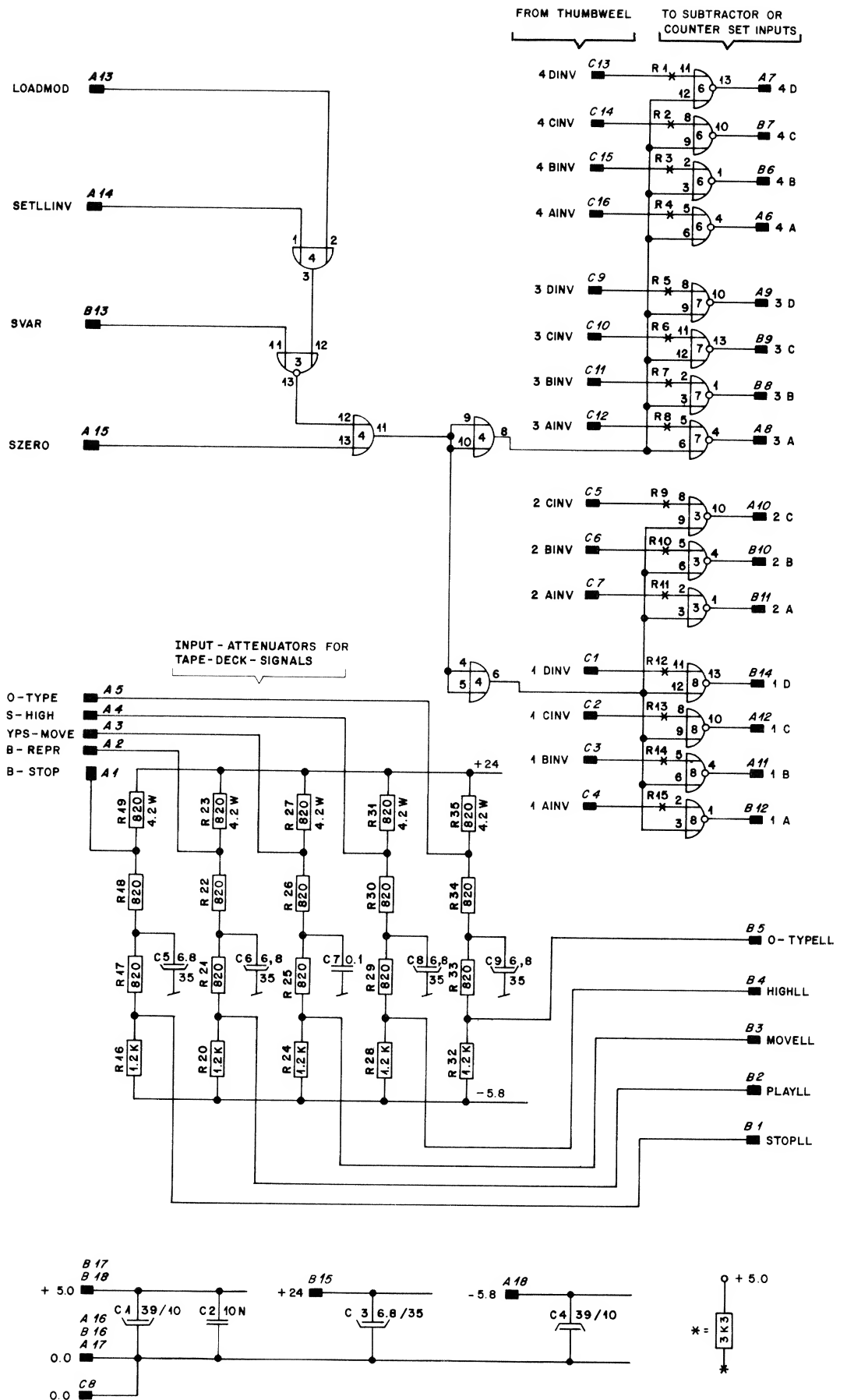
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|--------------------------------|---|------------------------|------|---------------------|
| C 01 | 59.32.1102 | C 1 N, 10%, 500 V, KER | 1 | |
| C 02 | | | | |
| C 03 | 59.32.0101 | 100 P, 20%, 500 V, KER | 1 | |
| C 04 | 59.99.0181 | 1C 1, 80%, 25 V, KER | 1 | |
| C 05 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 06 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 07 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 08 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 09 | 59.99.0203 | 3.3 U, 20%, 10 V, TA | 1 | |
| C 10 | 59.99.0203 | 3.3 U, 20%, 10 V, TA | 1 | |
| C 11 | 59.99.0203 | 3.3 U, 20%, 10 V, TA | 1 | |
| C 12 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 13 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 14 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 15 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 16 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 17 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 18 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 19 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 20 | 59.99.0202 | 39 U, 20%, 10 V, KER | 1 | |
| | | | | |
| | | | | |
| | | | | |
| D 01 | 50.04.1107 | D 3.3 V, 5%, .4 W, Z | 1 | |
| D 02 | 50.04.1107 | D 3.3 V, 5%, .4 W, Z | 1 | |
| | | | | |
| | | | | |
| | | | | |
| IC 01 | 50.05.0130 | IC SN 7486 N, TTL | 1 | |
| IC 02 | 50.05.0163 | IC SN 7427 N, TTL | 1 | |
| IC 03 | 50.05.0109 | IC SN 7404 N, TTL | 1 | |
| IC 04 | | | | |
| IC 05 | 50.05.0165 | IC SN 7483 AN, TTL | 1 | |
| IC 06 | 50.05.0165 | IC SN 7483 AN, TTL | 1 | |
| IC 07 | 50.05.0165 | IC SN 7483 AN, TTL | 1 | |
| Aenderungen | ① | ② | ③ | ④ ⑤ |
| STUDER REGENSDORF ZÜRICH | <u>Positionsliste</u> Subtractor board | | | Erstellt: 5.9.73 we |
| | | | | Geprüft: 5.9.73 KG |
| | | | | Blatt: 1 Blätter: 3 |
| Kopie für: | | Ersatz für: | | 1.228.267 |
| | | Ersetzt durch: | | |

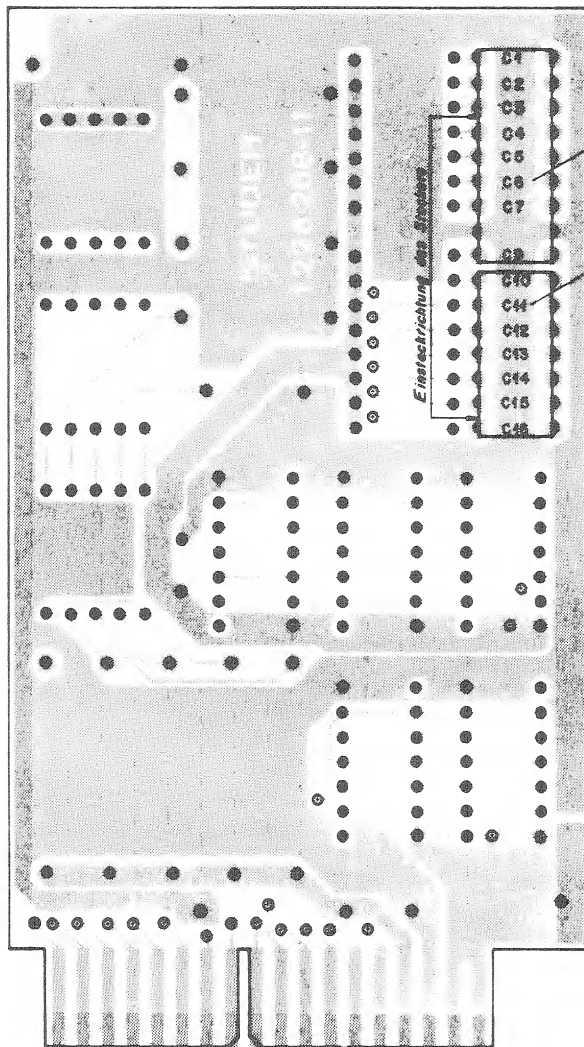
| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung |
|--------------------------------|---|------------------------|------|---------------------|
| IC 08 | 50.05.0165 | IC SN 7483 AN, TTL | 1 | |
| IC 09 | 50.05.0170 | IC SN 74185 N, | 1 | |
| IC 10 | 50.05.0170 | IC SN 74185 N, | 1 | |
| IC 11 | 50.05.0165 | IC SN 7483 AN, | 1 | |
| IC 12 | 50.05.0165 | IC SN 7483 AN, | 1 | |
| IC 13 | 50.05.0130 | IC SN 7486 N, | 1 | |
| IC 14 | 50.05.0163 | IC SN 7427 N, | 1 | |
| IC 15 | 50.05.0130 | IC SN 7486 N, | 1 | |
| IC 16 | 50.05.0170 | IC SN 74185 N, | 1 | |
| IC 17 | 50.05.0162 | IC SN 7425 N, | 1 | |
| IC 18 | 50.05.0112 | IC SN 7451 N, | 1 | |
| IC 19 | 50.05.0169 | IC SN 74157 N, | 1 | |
| IC 20 | 50.05.0160 | IC 9324 | 1 | |
| IC 21 | | | | |
| IC 22 | 50.05.0166 | IC SN 7485 N, | 1 | |
| IC 23 | 50.05.0166 | IC SN 7485 N, | 1 | |
| IC 24 | 50.05.0160 | IC 9324 | 1 | |
| IC 25 | | | | |
| IC 26 | 50.05.0167 | IC SN 7490 N, | 1 | |
| IC 27 | 50.05.0159 | IC 9305 | 1 | |
| IC 28 | 50.05.0167 | IC SN 7490 N, | 1 | |
| IC 29 | 1.010.150.50 | IC PROM | 1 | |
| IC 30 | 50.05.0166 | IC SN 7485 N, | 1 | |
| IC 31 | 50.05.0166 | IC SN 7485 N, | 1 | |
| IC 32 | 50.05.0161 | IC SN 7414 N, | 1 | |
| | | | | |
| | | | | |
| | | | | |
| R 01 | 57.02.5101 | R 100, 10%, .25 W, CMA | 1 | |
| R 02 | 57.02.5332 | R 3.3 K, | 1 | |
| R 03 | 57.02.5332 | R 3.3 K, | 1 | |
| R 04 | 57.02.5332 | R 3.3 K, | 1 | |
| R 05 | 57.02.5332 | R 3.3 K, | 1 | |
| R 06 | 57.02.5332 | R 3.3 K, | 1 | |
| R 07 | 57.02.5332 | R 3.3 K, | 1 | |
| | | | | |
| Aenderungen | ① | ② | ③ | ④ ⑤ |
| STUDER REGENSDORF ZÜRICH | <u>Positionsliste</u> Subtractor board | | | Erstellt: 5.9.73 we |
| | | | | Geprüft: 6.9.73 Ka |
| | | | | Blatt: 2 Blätter: 3 |
| Kopie für: | | Ersatz für: | | 1.228.267 |
| | | Ersetzt durch: | | |

[illegible]

| | | |
|-------------|--------------------------------|-------------|
| Ersatz für: | Kopie für: | 7. 228. 268 |
| | Nummer: | |
| Benennung: | PRESET - BOARD | |
| | STUDER REGENSDORF ZÜRICH | |

IC 4 : 7432
IC 3 : 7402
IC 6 : 7402
IC 7 : 7402
IC 8 : 7402





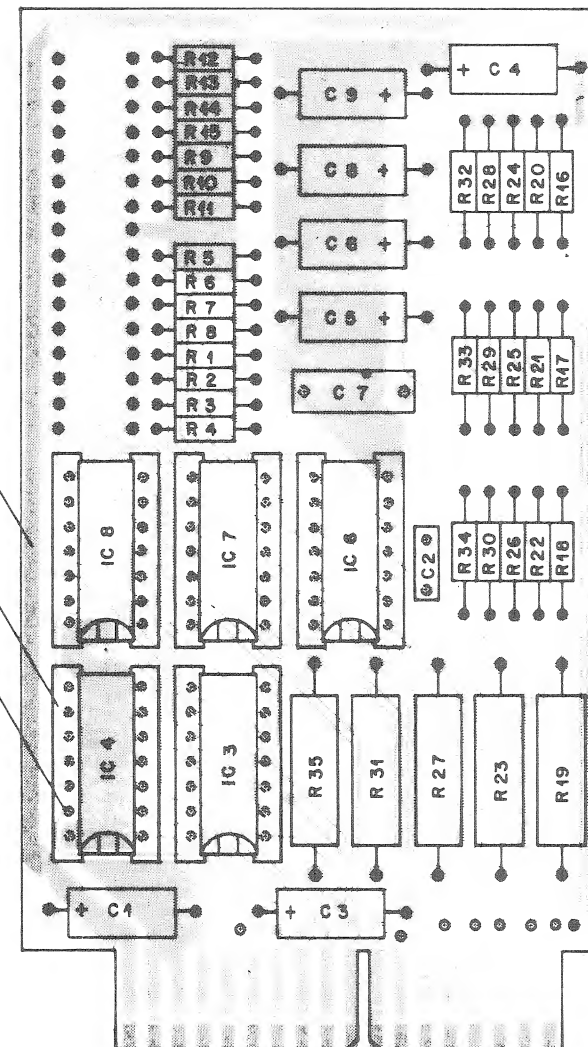
54 01 0212

54 01 0244

1.228.268-11

53.03.0152

1.010.007.53



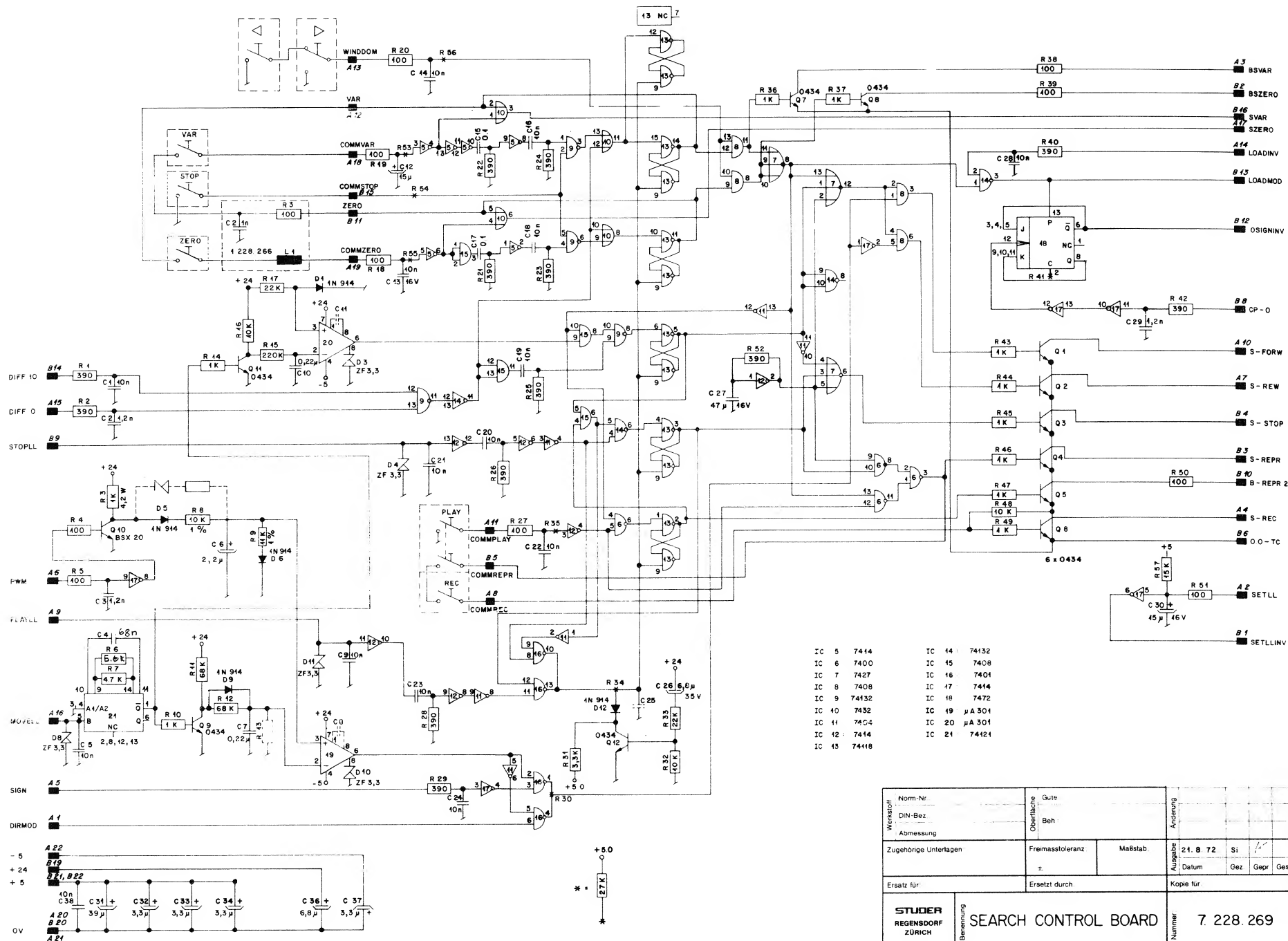
| | Erste | Letzte | Fehlt |
|----|-------|--------|-------|
| C | 1 | 9 | — |
| IC | 3 | 8 | 5 |
| R | 1 | 35 | — |

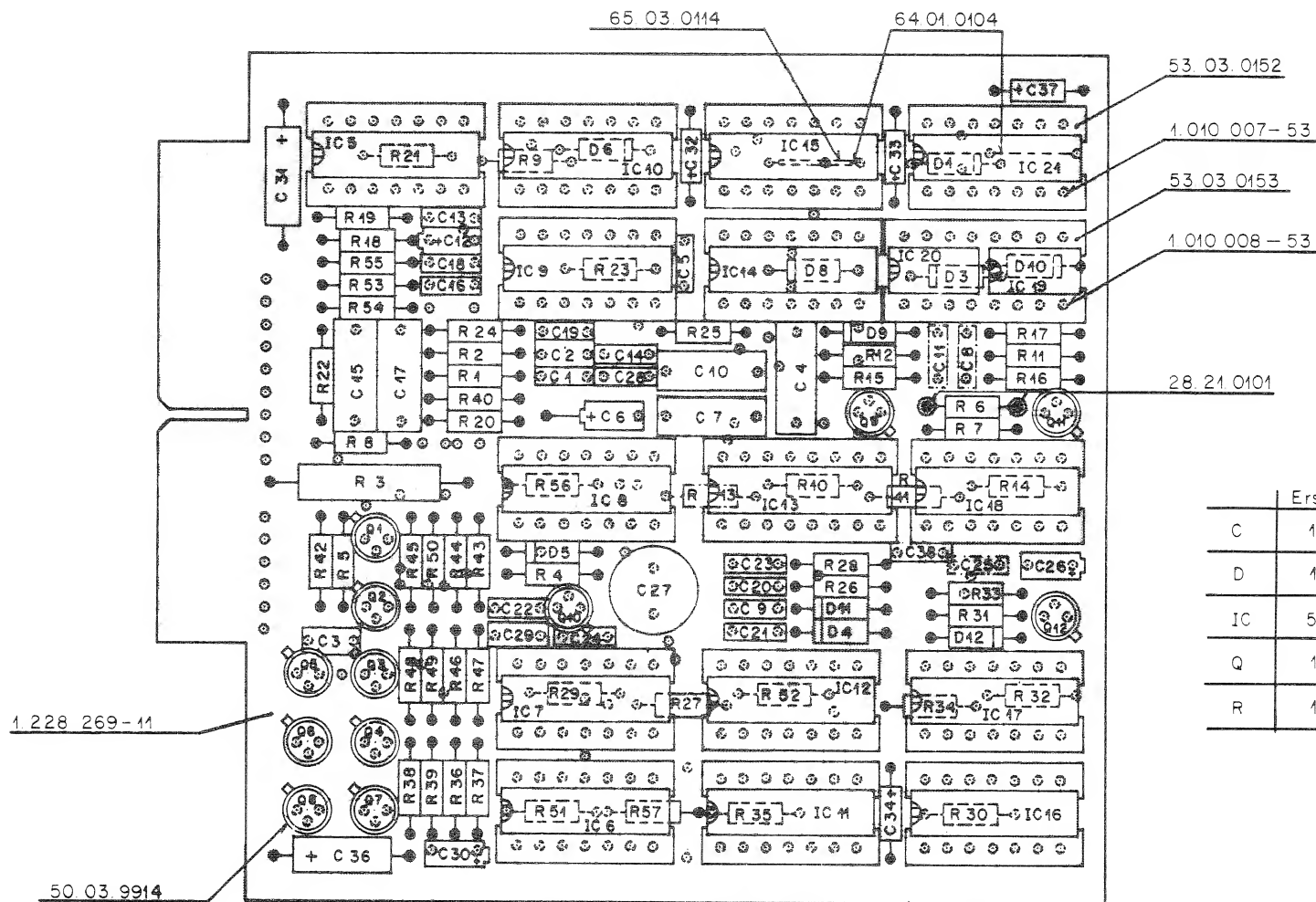
| | | | | | |
|---|--|---------------------------|-------------------|---|--|
| Zugehörige Unterlagen: Positionsliste 1. 228.268 Abbiegelliste 8. 228.268 | | Freimasstoleranz + | Maßstab: 2 : 1 | Ausgabe 4.7.73 Ho Datum Gez Gepr Ges Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für | |
| STUDER REGENSDORF ZÜRICH | | Benennung Preset board | | Nummer 1. 228.268 | |

| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------------------------|------|---------------------|-------------|---|---|---|---|---|--------------------------------|---|--|--|---------------------|--|--------------------|--|---------------------|--|------------|--|-------------|--|-----------|--|--|----------------|--|
| C 01 | 59.99.0202 | C 39 U, 20%, 10 V, TA | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 02 | 59.99.0181 | C 10 N, 80%, 25 V, KER | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 03 | 59.99.0201 | C 6.8 U, 20%, 35 V, TA | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 04 | 59.99.0202 | C 39 U, 20%, 10 V, | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 05 | 59.99.0201 | C 6.8 U, 20%, 35 V, | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 06 | 59.99.0201 | C 6.8 U, | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 07 | 59.05.2104 | C .1 U, 10%, 100 V, MPC | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 08 | 59.99.0201 | C 6.8 U, 20%, 35 V, TA | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C 09 | 59.99.0201 | C 6.8 U, | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 03 | 50.05.0135 | IC SN 7402 N TTL | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 04 | 50.05.0164 | IC SN 7432 N | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 06 | 50.05.0135 | IC SN 7402 N TTL | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 07 | 50.05.0135 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC 08 | 50.05.0135 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 01 | 57.02.5332 | R 3.3 K, 10%, .25 W, CMA | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 02 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 03 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 04 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 05 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 06 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 07 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 08 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 09 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 10 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 11 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 12 | 57.02.5332 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><td>Aenderungen</td><td>①</td><td>②</td><td>③</td><td>④</td><td>⑤</td></tr><tr><td rowspan="3">STUDER REGENSDORF ZÜRICH</td><td colspan="3" rowspan="3"><u>Positionsliste</u> Preset - board</td><td colspan="2">Erstellt: 5.9.73 we</td></tr><tr><td colspan="2">Geprüft: 6.9.73 kg</td></tr><tr><td colspan="2">Blatt: 1 Blätter: 2</td></tr><tr><td colspan="2">Kopie für:</td><td colspan="2">Ersatz für:</td><td rowspan="2">1.228.268</td></tr><tr><td colspan="2"></td><td colspan="2">Ersetzt durch:</td></tr></table> | | | | | Aenderungen | ① | ② | ③ | ④ | ⑤ | STUDER REGENSDORF ZÜRICH | <u>Positionsliste</u> Preset - board | | | Erstellt: 5.9.73 we | | Geprüft: 6.9.73 kg | | Blatt: 1 Blätter: 2 | | Kopie für: | | Ersatz für: | | 1.228.268 | | | Ersetzt durch: | |
| Aenderungen | ① | ② | ③ | ④ | ⑤ | | | | | | | | | | | | | | | | | | | | | | | | |
| STUDER REGENSDORF ZÜRICH | <u>Positionsliste</u> Preset - board | | | Erstellt: 5.9.73 we | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Geprüft: 6.9.73 kg | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Blatt: 1 Blätter: 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kopie für: | | Ersatz für: | | 1.228.268 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Ersetzt durch: | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[illegible]

| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung |
|--------------------------------|---|--------------------------|------|---------------------|
| C 01 | 59.99.0202 | C 39 U, 20%, 10 V, TA | 1 | |
| C 02 | 59.99.0181 | C 10 N, 80%, 25 V, KER | 1 | |
| C 03 | 59.99.0201 | C 6.8 U, 20%, 35 V, TA | 1 | |
| C 04 | 59.99.0202 | C 39 U, 20%, 10 V, | 1 | |
| C 05 | 59.99.0201 | C 6.8 U, 20%, 35 V, | 1 | |
| C 06 | 59.99.0201 | C 6.8 U, | 1 | |
| C 07 | 59.05.2104 | C .1 U, 10%, 100 V, MPC | 1 | |
| C 08 | 59.99.0201 | C 6.8 U, 20%, 35 V, TA | 1 | |
| C 09 | 59.99.0201 | C 6.8 U, | 1 | |
| | | | | |
| | | | | |
| | | | | |
| IC 01 | | | | |
| IC 02 | | | | |
| IC 03 | 50.05.0135 | IC SN 7402 N TTL | 1 | |
| IC 04 | 50.05.0164 | IC SN 7432 N | 1 | |
| IC 05 | | | | |
| IC 06 | 50.05.0135 | IC SN 7402 N TTL | 1 | |
| IC 07 | 50.05.0135 | | 1 | |
| IC 08 | 50.05.0135 | | 1 | |
| | | | | |
| | | | | |
| | | | | |
| R 01 | 57.02.5332 | R 3.3 K, 10%, .25 W, CMA | 1 | |
| R 02 | 57.02.5332 | | 1 | |
| R 03 | 57.02.5332 | | 1 | |
| R 04 | 57.02.5332 | | 1 | |
| R 05 | 57.02.5332 | | 1 | |
| R 06 | 57.02.5332 | | 1 | |
| R 07 | 57.02.5332 | | 1 | |
| R 08 | 57.02.5332 | | 1 | |
| R 09 | 57.02.5332 | | 1 | |
| R 10 | 57.02.5332 | | 1 | |
| R 11 | 57.02.5332 | | 1 | |
| R 12 | 57.02.5332 | | 1 | |
| Aenderungen | ① | ② | ③ | ④ |
| STUDER REGENSDORF ZÜRICH | <u>Positionsliste</u> Preset - board | | | Erstellt: 5.9.73 we |
| | | | | Geprüft: 6.9.73 KG |
| | | | | Blatt: 1 Blätter: 2 |
| Kopie für: | Ersatz für: | | | 1.228.268 |
| | Ersetzt durch: | | | |





| | Erste | Letzte | Fehlt |
|----|-------|--------|------------|
| C | 1 | 38 | 8,11,25,35 |
| D | 1 | 12 | 7 |
| IC | 5 | 21 | — |
| Q | 1 | 12 | — |
| R | 1 | 57 | 13 |

| | | | | | |
|--|--|----------------------|----------------|---------------------------------|---------------------|
| Zugehörige Unterlagen Pos. Liste 1. 228.269 Abbieliste 8.228.269 | | Freimasstoleranz | Maßstab 2 1 | Ausgabe 17.9.73 Ho <i>Ko</i> | Index |
| Ersatz für | | Ersetzt durch | | Kopie für | |
| Benennung STUDER REGENSDORF ZÜRICH | | Search control board | | | Nummer 1.228.269 |

| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung |
|------|-------------|--------------------------|------|-----------|
| C 01 | 59.99.0181 | C 10 N, 80%, 25 V KER | 1 | |
| C 02 | 59.32.1122 | 1.2 N, 10%, 500 V, | 1 | |
| C 03 | 59.32.1122 | | 1 | |
| C 04 | 59.02.2154 | .15 U, 5%, 100 V, MPC | 1 | |
| C 05 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 06 | 59.10.5229 | 2.2 U, 20%, 20 V, TA | 1 | |
| C 07 | 59.31.6224 | .22 U, 10%, 100 V, MPETP | 1 | |
| C 08 | | | | |
| C 09 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 10 | 59.31.6224 | .22U, 10%, 100 V, MPETP | 1 | |
| C 11 | | | | |
| C 12 | 59.10.4150 | 15 U, 20%, 16 V, TA | 1 | |
| C 13 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 14 | 59.99.0181 | | 1 | |
| C 15 | 59.05.2104 | .1 U, 10%, 100 V, MPC | 1 | |
| C 16 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 17 | 59.05.2104 | .1 U, 10%, 100 V, MPC | 1 | |
| C 18 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 19 | 59.99.0181 | | 1 | |
| C 20 | 59.99.0181 | | 1 | |
| C 21 | 59.99.0181 | | 1 | |
| C 22 | 59.99.0181 | | 1 | |
| C 23 | 59.99.0181 | | 1 | |
| C 24 | 59.99.0181 | | 1 | |
| C 25 | | | | |
| C 26 | 59.10.7689 | 6.8 U, 20%, 35 V, TA | 1 | |
| C 27 | 59.99.0401 | 47 U,100%, 16 V, EL | 1 | |
| C 28 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| C 29 | 59.32.1122 | 1.2 N, 10%, 500 V, KER | 1 | |
| C 30 | 59.10.4150 | 15 U, 20%, 16 V, TA | 1 | |
| C 31 | 59.99.0202 | 39 U, 20%, 10 V, | 1 | |
| C 32 | 59.99.0203 | 3.3 U, 20%, 10 V, | 1 | |
| C 33 | 59.99.0203 | | 1 | |
| C 34 | 59.99.0203 | | 1 | |
| C 35 | | | | |

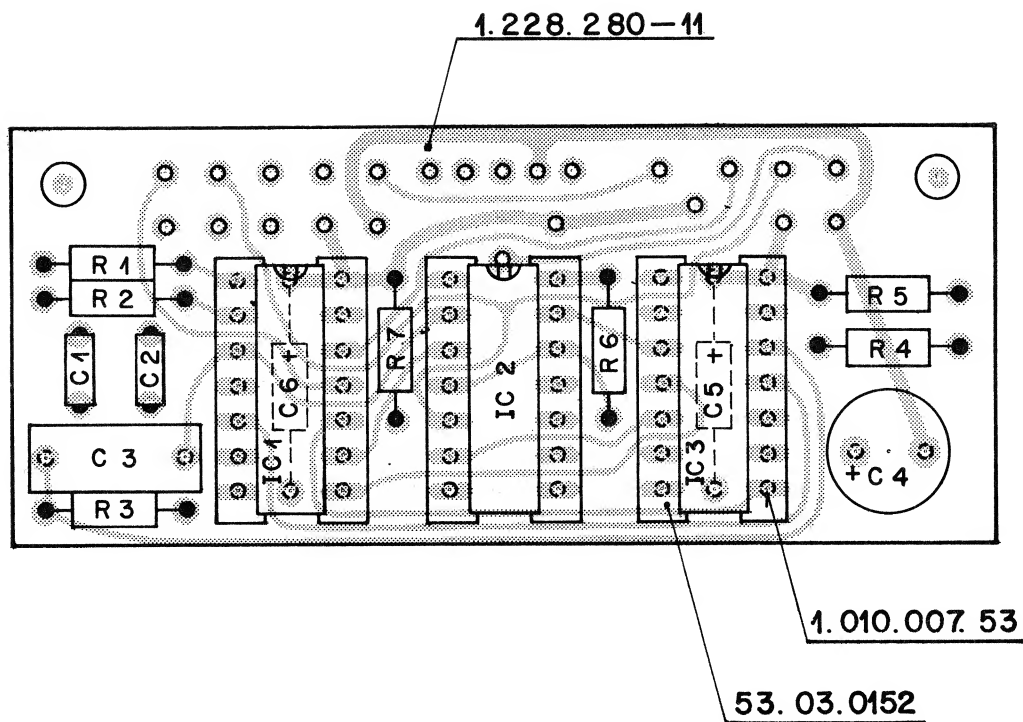
| | | | | | |
|--------------------------------|---|----------------|---|---------------------|---|
| Aenderungen | ① | ② | ③ | ④ | ⑤ |
| STUDER REGENSDORF ZÜRICH | <u>Positionsliste</u> Search control board | | | Erstellt: 7.9.73 we | |
| | | | | Geprüft: 10.9.73 KO | |
| | | | | Blatt: 1 Blätter: 5 | |
| Kopie für: | | Ersatz für: | | 1.228.269 | |
| | | Ersetzt durch: | | | |

| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung |
|---|-------------|------------------------|---|-----------|
| C 36 | 59.99.0201 | C 6.8 U, 20%, 35 V, TA | 1 | |
| C 37 | 59.99.0203 | 3.3 U, 20%, 10 V, | 1 | |
| C 38 | 59.99.0181 | 10 N, 80%, 25 V, KER | 1 | |
| | | | | |
| D 01 | 50.04.0102 | D 1 N 914, SI | 1 | |
| D 02 | | | | |
| D 03 | 50.04.1107 | 3.3 V, 5%, .40 W, Z | 1 | |
| D 04 | 50.04.1107 | | 1 | |
| D 05 | 50.04.0102 | 1 N 914, SI | 1 | |
| D 06 | 50.04.0102 | | 1 | |
| D 07 | | | | |
| D 08 | 50.04.1107 | 3.3 V, 5%, .40 W, Z | 1 | |
| D 09 | 50.04.0102 | 1 N 914 SI | 1 | |
| D 10 | 50.04.1107 | 3.3 V, 5% .40 W, Z | 1 | |
| D 11 | 50.04.1107 | | 1 | |
| D 12 | 50.04.0102 | 1 N 914, SI | 1 | |
| | | | | |
| | | | | |
| IC 01 | | | | |
| IC 02 | | | | |
| IC 03 | | | | |
| IC 04 | | | | |
| IC 05 | 50.05.0161 | IC SN 7414 N TTL | 1 | |
| IC 06 | 50.05.0108 | SN 7400 N | 1 | |
| IC 07 | 50.05.0163 | SN 7427 N | 1 | |
| IC 08 | 50.05.0154 | SN 7408 N | 1 | |
| IC 09 | 50.05.0155 | SN 74132 N | 1 | |
| IC 10 | 50.05.0164 | SN 7432 N | 1 | |
| IC 11 | 50.05.0109 | SN 7404 N | 1 | |
| IC 12 | 50.05.0161 | SN 7414 N | 1 | |
| IC 13 | 50.05.0168 | SN 74118 N | 1 | |
| IC 14 | 50.05.0155 | SN 74132 N | 1 | |
| IC 15 | 50.05.0154 | SN 7408 N | 1 | |
| IC 16 | 50.05.0136 | SN 7401 N | 1 | |
| <div> <div>Aenderungen</div> <div> <div>①</div> <div>②</div> <div>③</div> <div>④</div> <div>⑤</div> </div> </div> | | | | |
| <div> <div>STUDER</div> <div>REGENSDORF</div> <div>ZÜRICH</div> </div> | | | <div> <div>Positionsliste</div> <div>Search control board</div> </div> | |
| <div> <div>Kopie für:</div> <div>Ersatz für:</div> <div>Ersetzt durch:</div> </div> | | | <div> <div>Erstellt: 7.9.73 we</div> <div>Geprüft: 10.9.73 KG</div> <div>Blatt: 2 Blätter: 5</div> </div> | |
| | | | 1.228.269 | |

| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung |
|--------------------------------|--|------------------------|------|---------------------|
| IC 17 | 50.05.0161 | IC SN 7414 N TTL | 1 | |
| IC 18 | 50.05.0129 | SN 7472 N | 1 | |
| IC 19 | 50.05.0156 | UA 301 LIN | 1 | |
| IC 20 | 50.05.0156 | | 1 | |
| IC 21 | 50.05.0153 | SN 74121 N TTL | 1 | |
| | | | | |
| | | | | |
| Q 01 | 50.03.0434 | Q 0434 NPN | 1 | |
| Q 02 | 50.03.0434 | | 1 | |
| Q 03 | 50.03.0434 | | 1 | |
| Q 04 | 50.03.0434 | | 1 | |
| Q 05 | 50.03.0434 | | 1 | |
| Q 06 | 50.03.0434 | | 1 | |
| Q 07 | 50.03.0434 | | 1 | |
| Q 08 | 50.03.0434 | | 1 | |
| Q 09 | 50.03.0434 | | 1 | |
| Q 10 | 50.03.0483 | BSX 20 NPN | 1 | |
| Q 11 | 50.03.0434 | 0434 NPN | 1 | |
| Q 12 | 50.03.0434 | 0434 NPN | 1 | |
| | | | | |
| | | | | |
| R 01 | 57.02.5391 | R 390, 10%, .25 W, CMA | 1 | |
| R 02 | 57.02.5391 | | 1 | |
| R 03 | 57.56.4102 | 1 K, 4.2 W, DR | 1 | |
| R 04 | 57.02.5101 | 100, .25 W, CMA | 1 | |
| R 05 | 57.02.5101 | 100, | 1 | |
| R 06 | | Abgleichwert | 1 | |
| R 07 | 57.02.5472 | 4.7 K, 10%, .25 W, CMA | 1 | |
| R 08 | 57.39.1002 | 10 K, 1%, .35 W, MF | 1 | |
| R 09 | 57.39.1102 | 11 K, 1%, .35 W, | 1 | |
| R 10 | 57.02.5102 | 1 K, 10%, .25 W, CMA | 1 | |
| R 11 | 57.02.5683 | 68 K, | 1 | |
| R 12 | 57.02.5683 | | 1 | |
| R 13 | | | | |
| R 14 | 57.02.5102 | 1 K, 10%, .25 W, CMA | 1 | |
| Aenderungen | ① | ② | ③ | ④ ⑤ |
| STUDER REGENSDORF ZÜRICH | Positionsliste Search control board | | | Erstellt: 7.9.73 we |
| | | | | Geprüft: 10.9.73 W |
| | | | | Blatt: 3 Blätter: 5 |
| Kopie für: | | Ersatz für: | | 1.228.269 |
| | | Ersetzt durch: | | |

| Pos. | Bauteil No. | Bezeichnung | Stk. | Bemerkung | |
|--------------------------------|---|--------------------------|------|---------------------|---|
| R 15 | 57.02.5224 | R 220 K, 10%, .25 W, CMA | 1 | | |
| R 16 | 57.02.5103 | 10 K, 10%, .25 W, | 1 | | |
| R 17 | 57.02.5223 | 22 K, | 1 | | |
| R 18 | 57.02.5101 | 100, | 1 | | |
| R 19 | 57.02.5101 | | 1 | | |
| R 20 | 57.02.5101 | | 1 | | |
| R 21 | 57.02.5391 | 390, | 1 | | |
| R 22 | 57.02.5391 | | 1 | | |
| R 23 | 57.02.5391 | | 1 | | |
| R 24 | 57.02.5391 | | 1 | | |
| R 25 | 57.02.5391 | | 1 | | |
| R 26 | 57.02.5391 | | 1 | | |
| R 27 | 57.02.5101 | 100, | 1 | | |
| R 28 | 57.02.5391 | 390, | 1 | | |
| R 29 | 57.02.5391 | | 1 | | |
| R 30 | 57.02.5272 | 2.7 K, | 1 | | |
| R 31 | 57.02.5332 | 3.3 K, | 1 | | |
| R 32 | 57.02.5103 | 10 K, | 1 | | |
| R 33 | 57.02.5223 | 22 K, | 1 | | |
| R 34 | 57.02.5272 | 2.7 K, | 1 | | |
| R 35 | 57.02.5272 | | 1 | | |
| R 36 | 57.02.5102 | 1 k, | 1 | | |
| R 37 | 57.02.5102 | | 1 | | |
| R 38 | 57.02.5101 | 100, | 1 | | |
| R 39 | 57.02.5101 | | 1 | | |
| R 40 | 57.02.5391 | 390, | 1 | | |
| R 41 | 57.02.5272 | 2.7 K, | 1 | | |
| R 42 | 57.02.5391 | 390, | 1 | | |
| R 43 | 57.02.5102 | 1 K, | 1 | | |
| R 44 | 57.02.5102 | | 1 | | |
| R 45 | 57.02.5102 | | 1 | | |
| R 46 | 57.02.5102 | | 1 | | |
| R 47 | 57.02.5102 | | 1 | | |
| R 48 | 57.02.5103 | 10 K, | 1 | | |
| R 49 | 57.02.5102 | 1 K, | 1 | | |
| Aenderungen | ① | ② | ③ | ④ | ⑤ |
| STUDER REGENSDORF ZÜRICH | <u>Positionsliste</u> Search control board | | | Erstellt: 7.9.73 we | |
| | | | | Geprüft: 10.9.73 K5 | |
| | | | | Blatt: 4 Blätter: 5 | |
| Kopie für: | | Ersatz für: | | 1.228.269 | |
| | | Ersetzt durch: | | | |

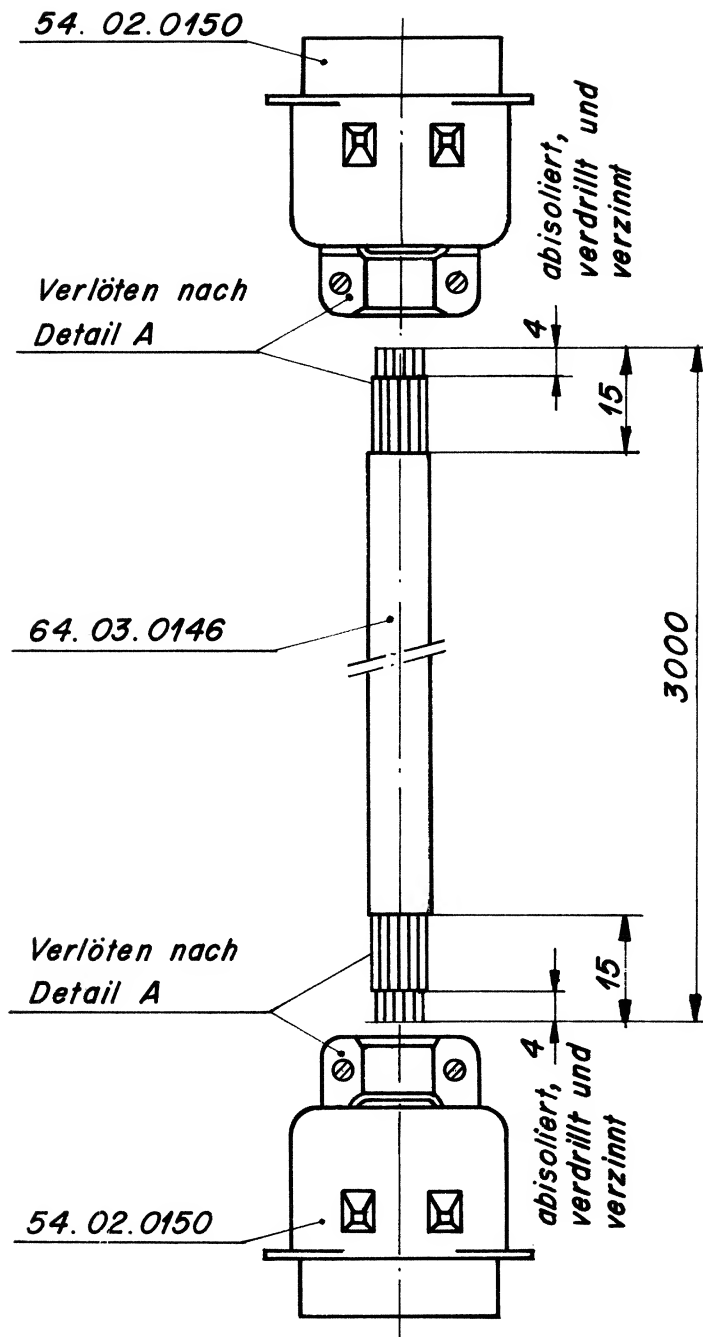
[illegible]



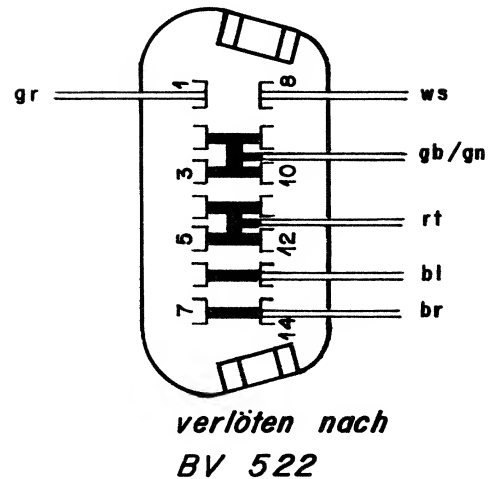
| | Erste | Letzte | Fehlt |
|----|-------|--------|-------|
| C | 1 | 6 | — |
| IC | 1 | 3 | — |
| R | 1 | 7 | — |
| | | | |

| | | | | | | | | | | |
|---|------------|---|----------|------------|----------------------------|---------|------|-------|------|-------|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | | Änderung | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | | ② |
| | Abmessung: | | | | | 20.3.74 | Si | Va | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 20.9.73 | Ho | Va | | | ④ |
| Positionsliste 1. 228.280 Abbiegelliste 8. 228.280 | | | | ± | 2 : 1 | Datum | Gez. | Gepr. | Ges. | Index |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Manual - Auto - Control | | | Nummer: 1. 228. 280 | | | | | |

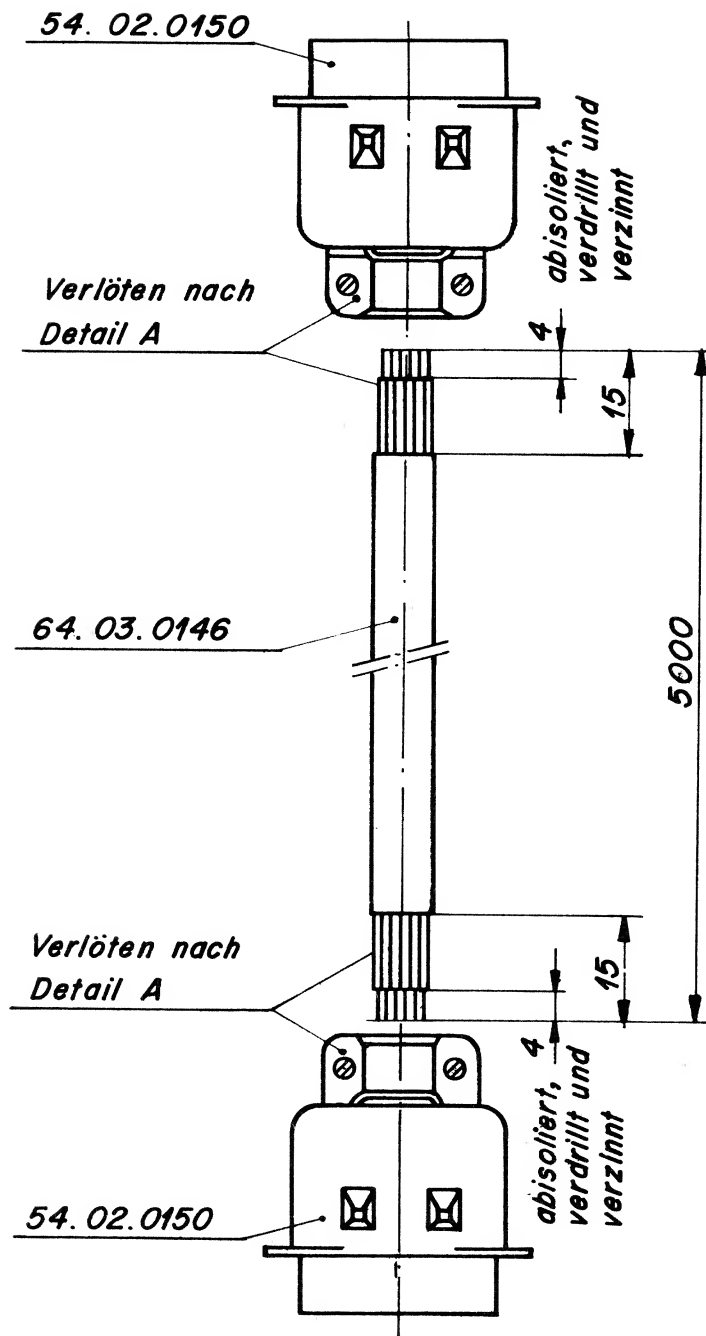
[illegible]



Detail A
M 2:1

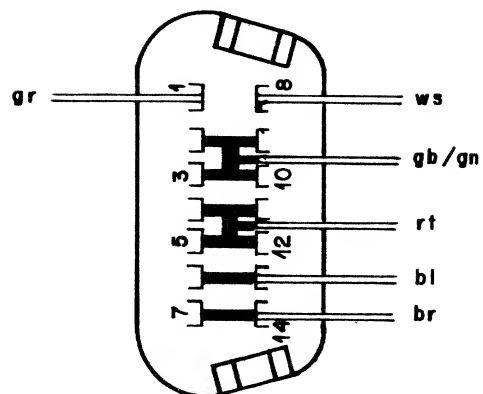


| | | | | | | | | | | | |
|--------------------------------|------------|-------------------|-------|----------|---------------|----------|------|-----------------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | | Änderung | | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | | | ② |
| | Abmessung: | | | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | | Maßstab: | Ausgabe | 5. 9. 73 | Ho | K _{Gr} | | ① | |
| | | ± | | 1 : 1 | Datum | | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | | Kopie für: | | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: | | | Nummer: | | | | | | |
| | | Speisekabel 3 m | | | 1.228. 271-00 | | | | | | |



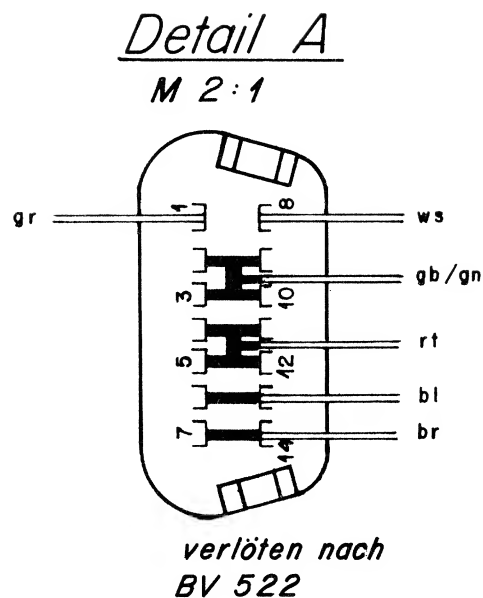
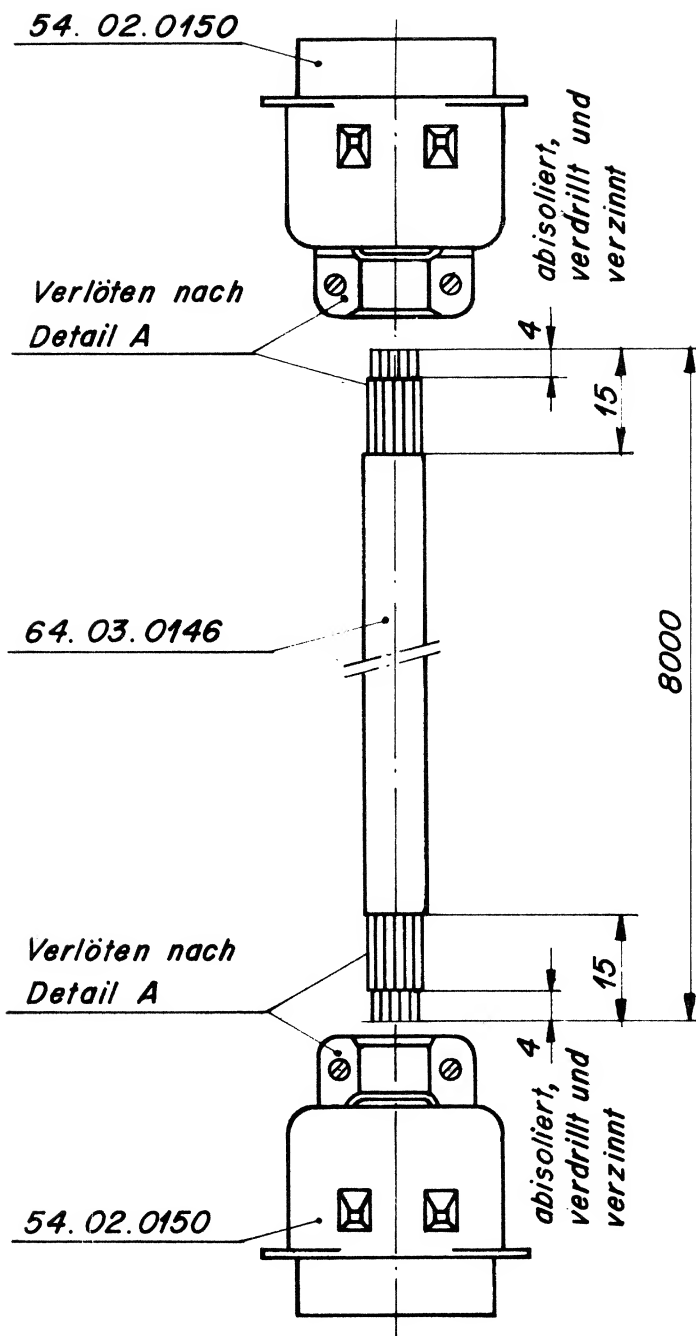
Detail A

M 2:1

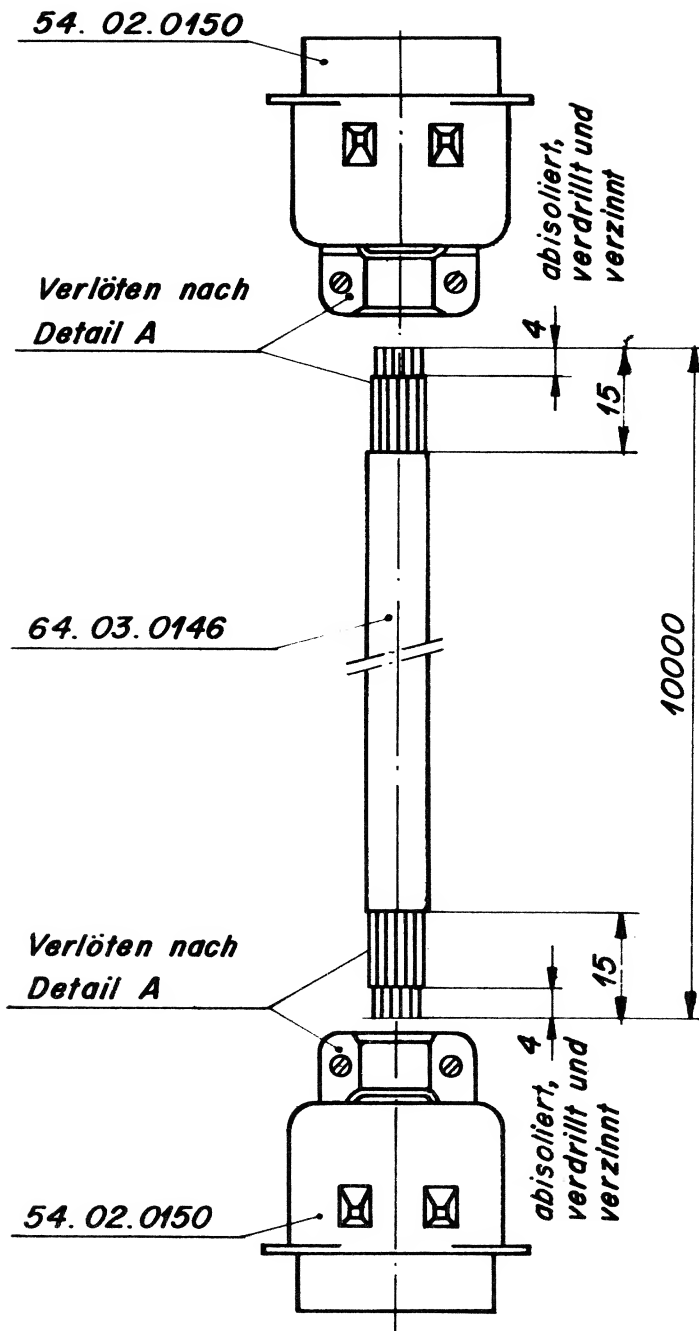


verlöten nach
BV 522

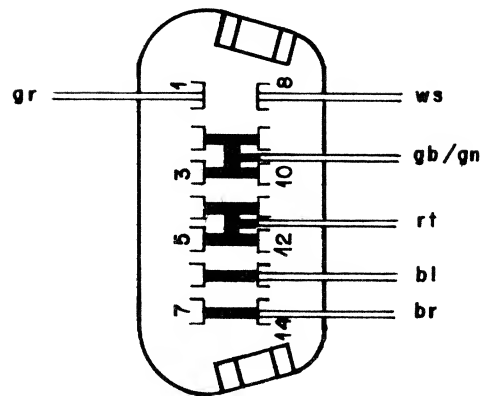
| | | | | | | | | | | |
|--------------------------------|------------|-------------------|-------|----------|--------------|----------|------|-------|------|-------|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | | ② |
| | Abmessung: | | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | | Maßstab: | Ausgabe | 5. 9. 73 | Ho | Kf | | ④ |
| | | ± | | 1 : 1 | Datum | | Gez. | Gepr. | Ges. | Index |
| Ersatz für: | | Ersetzt durch: | | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: | | | Nummer: | | | | | |
| | | Speisekabel 5 m | | | 1.228.272-00 | | | | | |



| | | | | | | | | | | | |
|--------------------------------|------------|----------------------------|-------------------|----------|----------|----------------------|------|-------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | | Änderung | | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | | | ② |
| | Abmessung: | | | | | | | | | | ① |
| Zugehörige Unterlagen: | | | Freimasstoleranz: | Maßstab: | Ausgabe | 5. 9. 73 | Ho | Kr | | ① | ① |
| | | | ± | 1 : 1 | Datum | | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | | Ersetzt durch: | | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Speisekabel 8 m | | | | Nummer: 1.228.273-00 | | | | | |

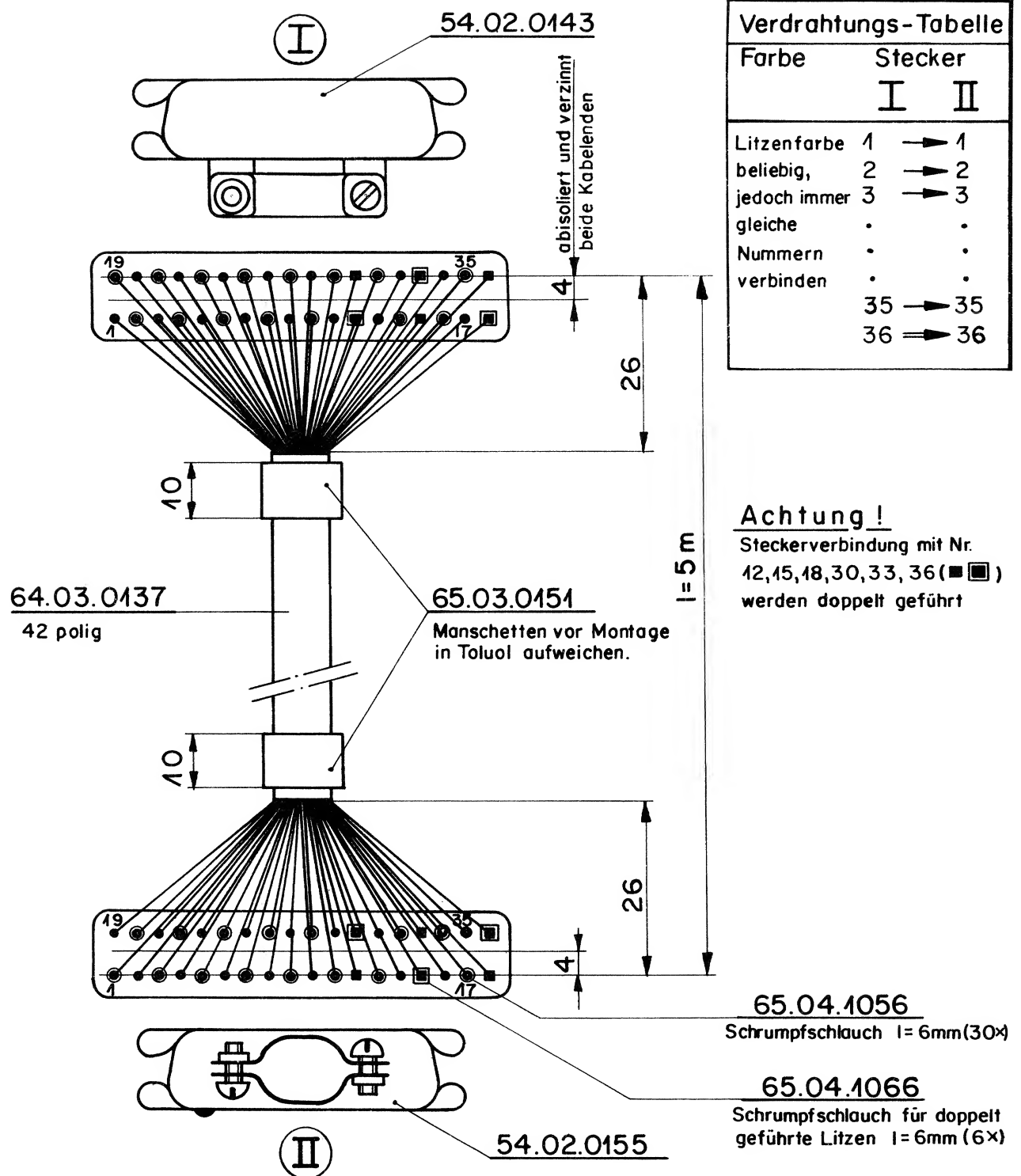


Detail A
M 2:1

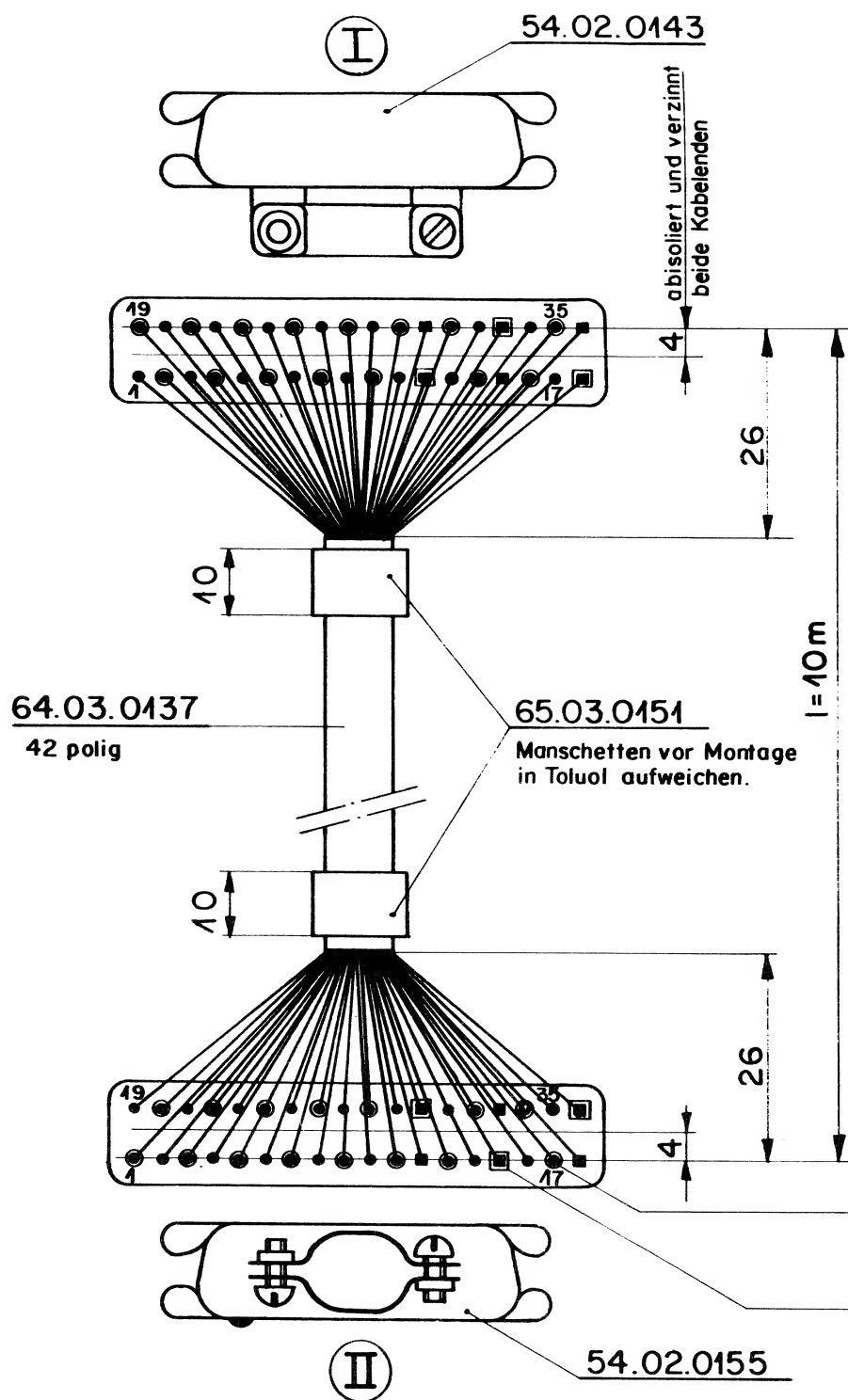


*verlöten nach
BV 522*

| | | | | | | | | | | |
|--------------------------------|------------|-----------------------------------|--|----------|-----------------------------|----------|------|-------|------|-------|
| Werkstoff | Norm-Nr.: | Oberfläche | | Güte: | Änderung | | | | | ③ |
| | DIN-Bez.: | | | Beh.: | | | | | | ② |
| | Abmessung: | | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | | Maßstab: | Ausgabe | 5. 9. 73 | Ho | Kf | | ④ |
| | | ± | | 1 : 1 | Datum | | Gez. | Gepr. | Ges. | Index |
| Ersatz für: | | Ersetzt durch: | | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: <i>Speisekabel 10m</i> | | | Nummer: <i>1.228.274-00</i> | | | | | |



| | | | | | | | | | | |
|--------------------------------|------------|---|----------|-------------------|---------|------|-------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | ③ | |
| | DIN-Bez.: | | Beh.: | | | | | | | ② |
| | Abmessung: | | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 25.9.72 | AW | JK | | ④ | |
| | | ± | | Datum | | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Laufwerkfernsteuerungs- kabel 5 m | | Nummer: 1.228.102 | | | | | | |



| Verdrahtungs-Tabelle | | | |
|----------------------|---------|------|--|
| Farbe | Stecker | | |
| | I | II | |
| Litzenfarbe | 1 | → 1 | |
| beliebig, | 2 | → 2 | |
| jedoch immer | 3 | → 3 | |
| gleiche | . | . | |
| Nummern | . | . | |
| verbinden | . | . | |
| | 35 | → 35 | |
| | 36 | → 36 | |

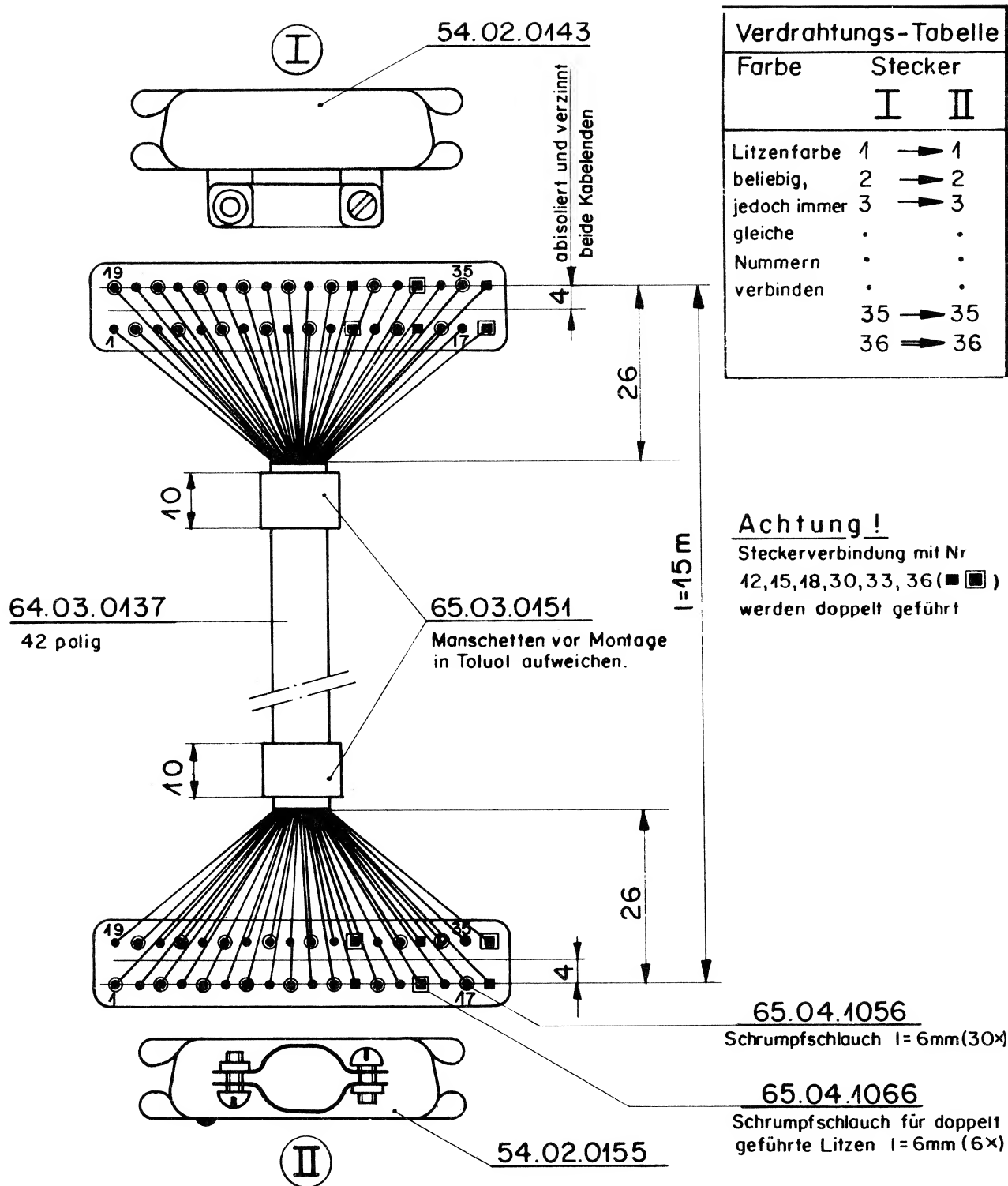
Achtung!

Steckerverbindung mit Nr.
12, 45, 48, 30, 33, 36 (■ ■) werden doppelt geführt

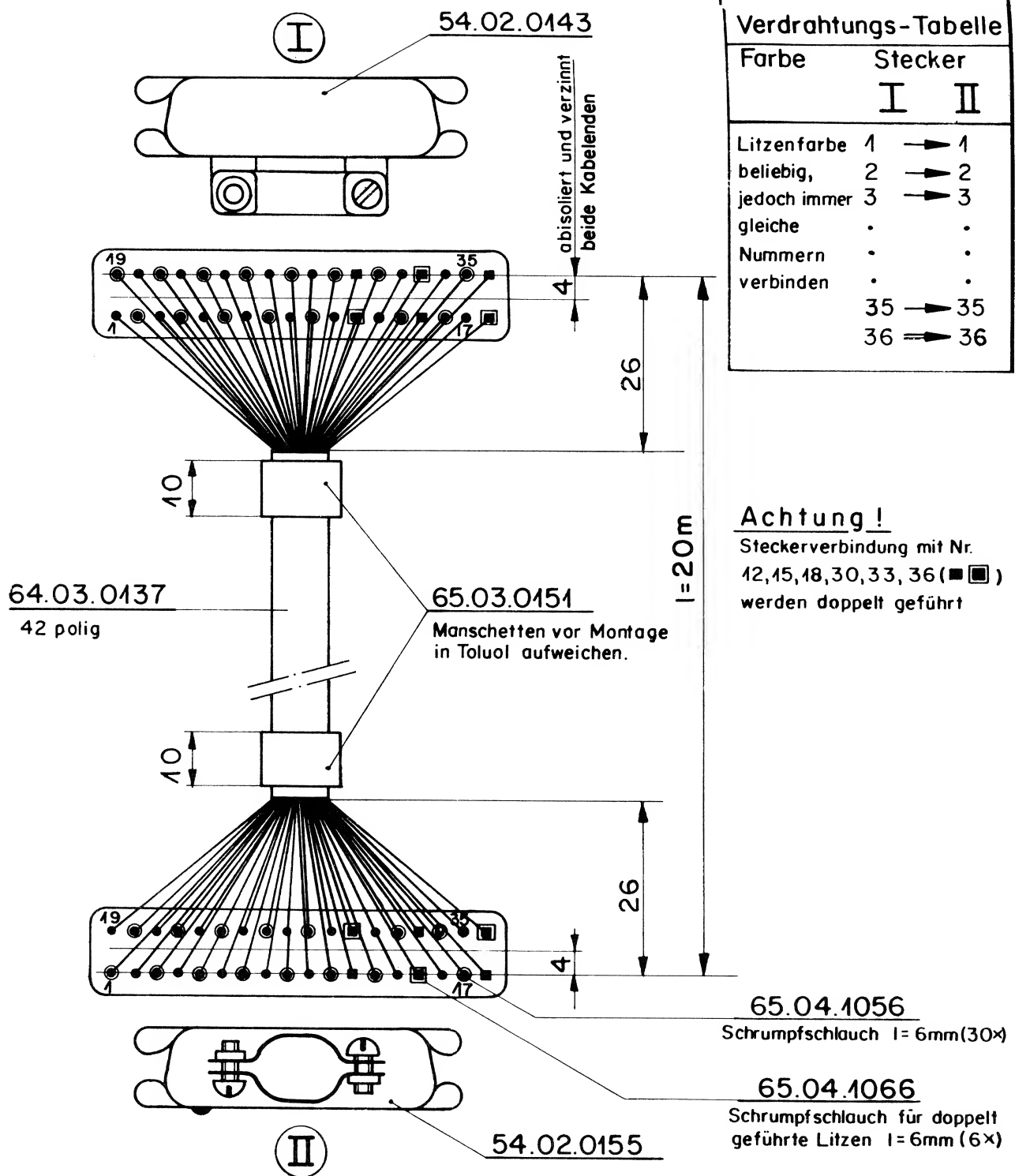
65.04.1056
Schrumpfschlauch l=6mm(30x)

65.04.1066
Schrumpfschlauch für doppelt
geführte Litzen l=6mm(6x)

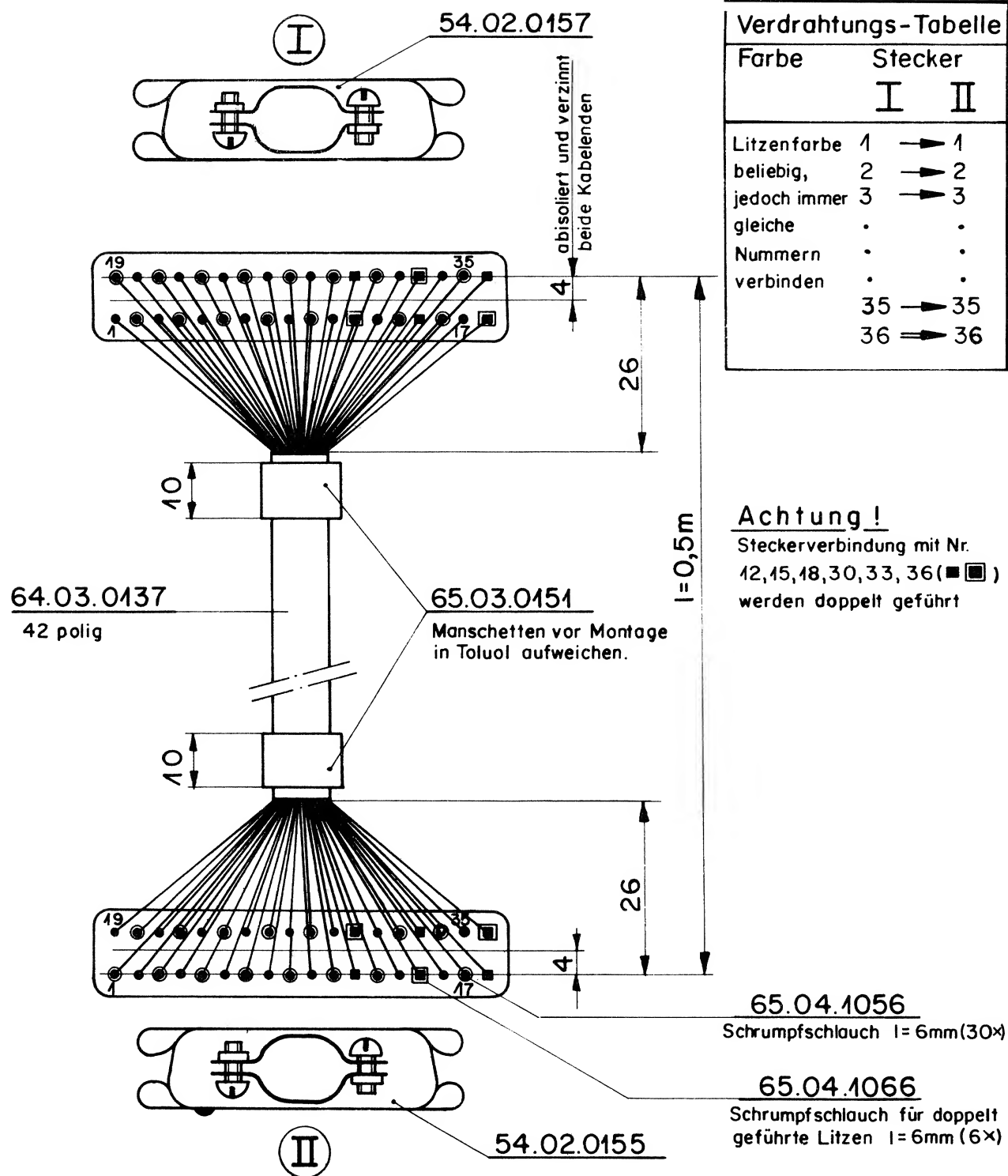
| | | | | | | | | |
|--------------------------------|---|-------------------|----------|-------------------|---------|------|-------|------------|
| Werkstoff | Norm-Nr.: | Güte: | | Änderung | | | | ③ |
| | DIN-Bez.: | Beh.: | | | | | | ② |
| | Abmessung: | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 25.9.72 | FW | ck | ④ |
| | | + | | Datum | | Gez. | Gepr. | Ges. Index |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | |
| STUDER REGENSDORF ZÜRICH | Benennung: Laufwerkfernsteuerungs- kabel 10m | | | Nummer: 1.228.103 | | | | |



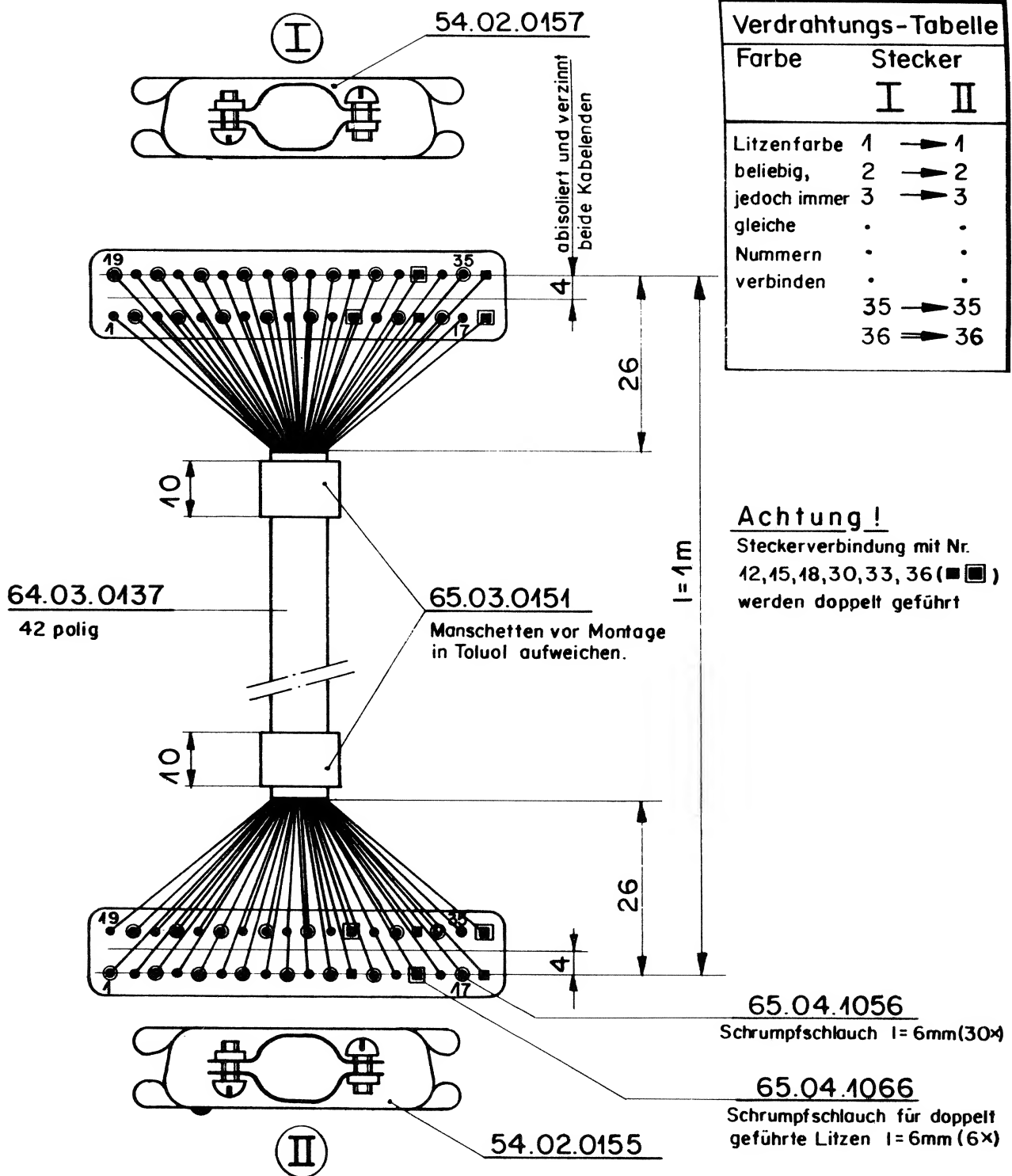
| | | | | | | | | | | |
|--------------------------------|------------|--|---------|-------------------|---------|------|-------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | | ② |
| | Abmessung: | | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab | Ausgabe | 25.9.72 | FW | IK | | | ① |
| | | ± | | Datum | | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Laufwerkfernsteuerungs- kabel 15 m | | Nummer: 1.228.104 | | | | | | |



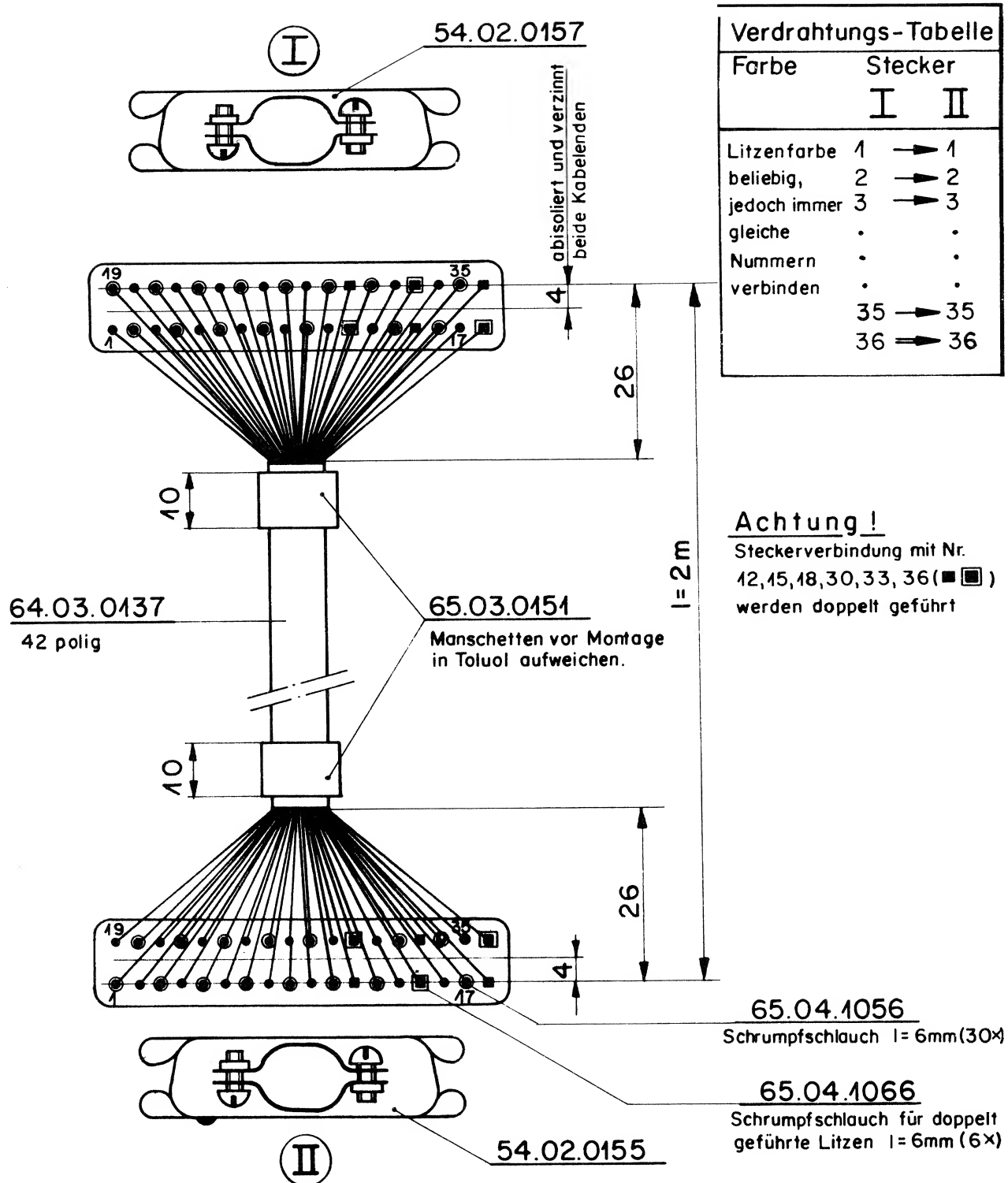
| | | | | | | | | | |
|--------------------------------|------------|--------------------------------------|---------|------------|-----------|------|-------|------|-------|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Anderung | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | ② |
| | Abmessung: | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab | Ausgabe | 25.9.72 | FW | dk | | ④ |
| | | + | | Datum | | Gez. | Gepr. | Ges. | Index |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | Benennung: | Laufwerkfernsteuerungs- kabel 20m | | Nummer: | 1.228.129 | | | | |



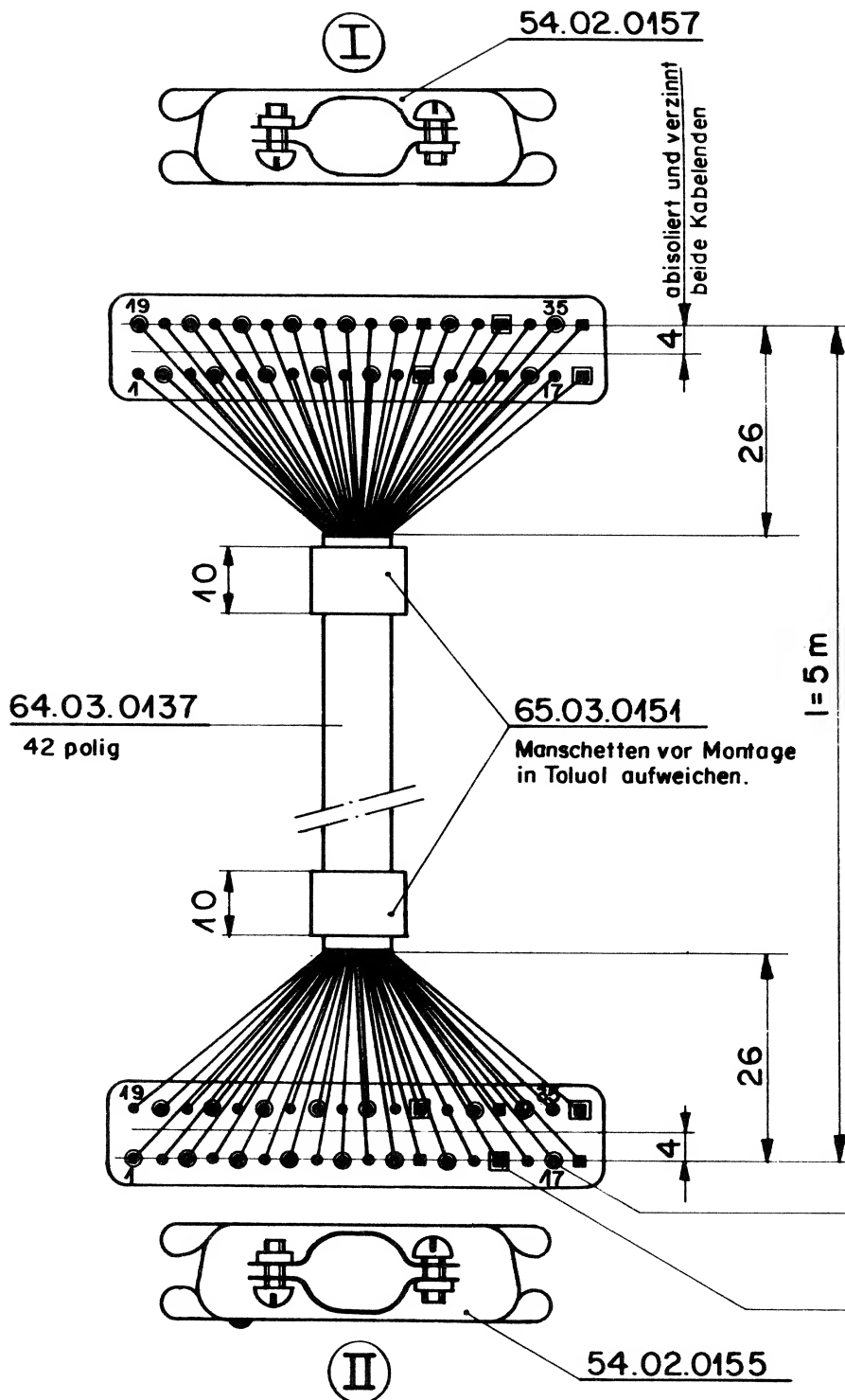
| | | | | | | | | | | |
|--------------------------------|------------|---|----------|------------|-------------------|------|-------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | ③ | |
| | DIN-Bez.: | | Beh.: | | | | | | | ② |
| | Abmessung: | | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 4.12.73 | Ho | 1/1 | | ④ | |
| | | ± | | Datum | | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Laufwerkfernsteuerungs- kabel Aux. 0,5m | | | Nummer: 1.228.275 | | | | | |



| | | | | | | | | | | |
|--------------------------------|------------|---|----------|------------|----------|-------------------|-------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | | Güte: | Änderung | | | | | ③ |
| | DIN-Bez.: | Beh.: | | | | | | | | ② |
| | Abmessung: | | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | | Ausgabe | 4.12.73 | Ho | ✓ | | ④ |
| | | ± | | | Datum | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Laufwerkfernsteuerungs- kabel Aux. 1m | | | | Nummer: 1.228.276 | | | | |



| | | | | | | | | | |
|---|------------|--|----------|--------------------------|---------|-------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | ② |
| | Abmessung: | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 4.12.73 | Ho | Va | | ④ |
| | | ± | | Datum | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Laufwerkfernsteuerungs- kabel Aux. 2 m | | Nummer: 1.228.277 | | | | | |



| Verdrahtungs-Tabelle | | | |
|----------------------|---------|------|--|
| Farbe | Stecker | | |
| | I | II | |
| Litzenfarbe | 1 | → 1 | |
| beliebig, | 2 | → 2 | |
| jedoch immer | 3 | → 3 | |
| gleiche | . | . | |
| Nummern | . | . | |
| verbinden | . | . | |
| | 35 | → 35 | |
| | 36 | → 36 | |

Achtung !

Steckerverbindung mit Nr.
42, 45, 48, 30, 33, 36 (■ ■) werden doppelt geführt

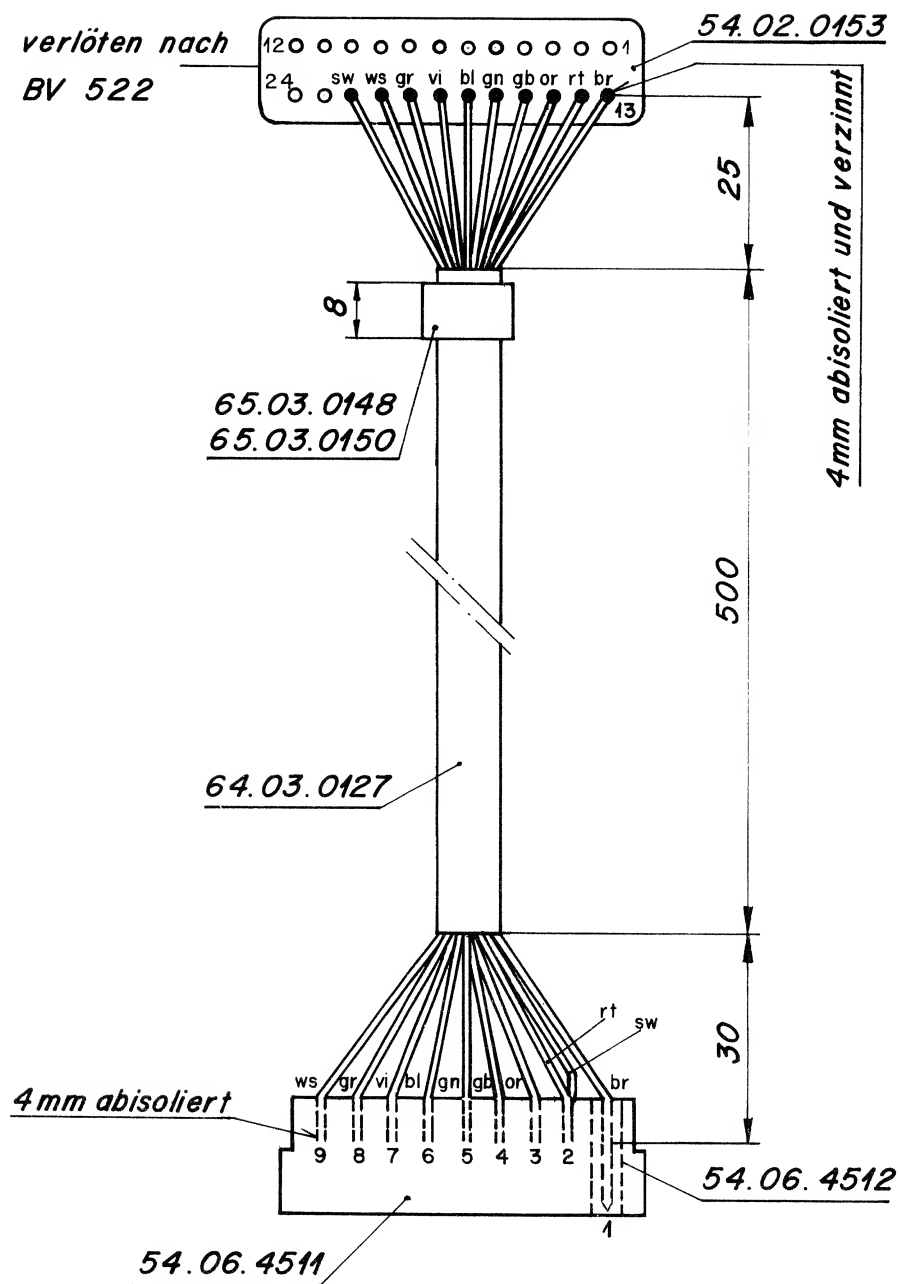
65.04.1056

Schrumpfschlauch l= 6mm (30x)

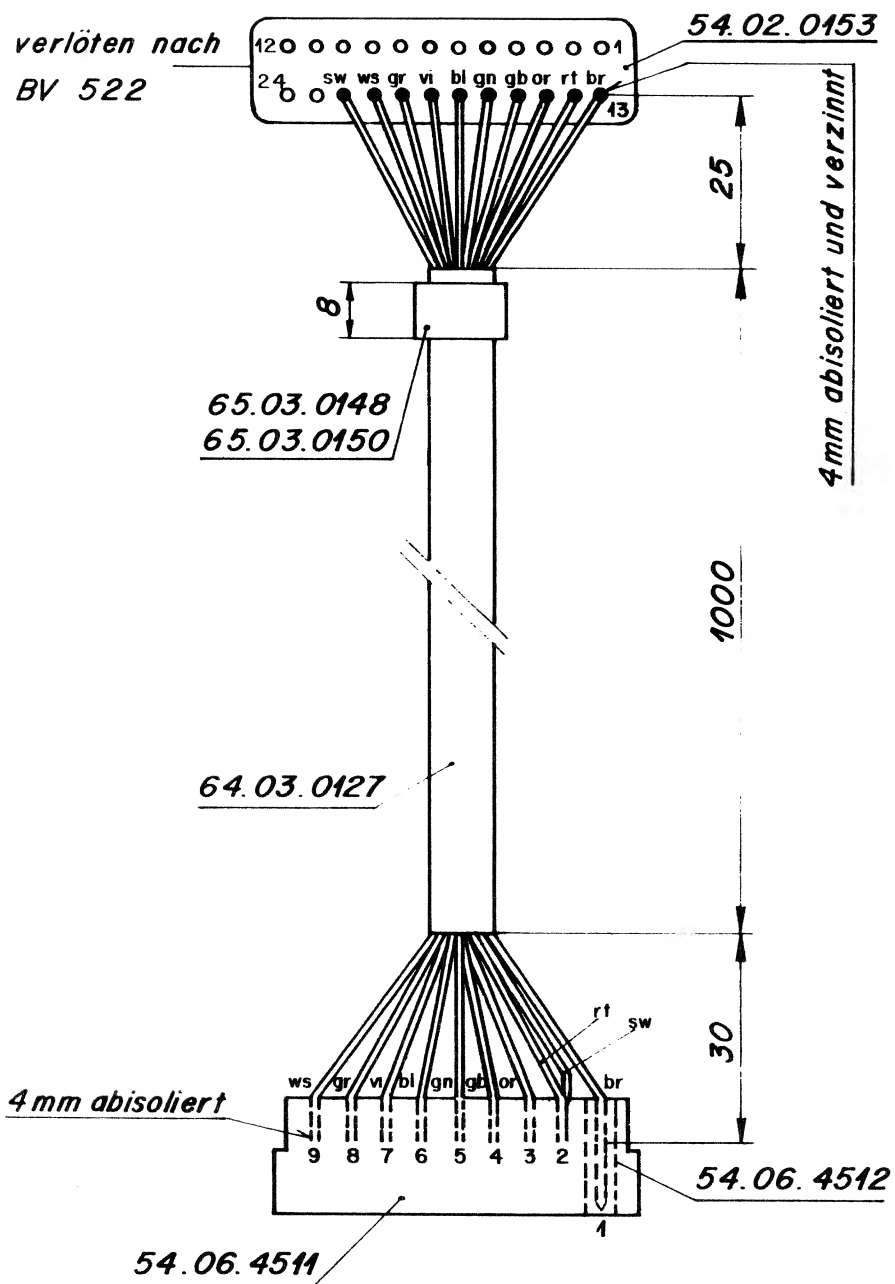
65.04.1066

Schrumpfschlauch für doppelt
geführte Litzen l= 6mm (6x)

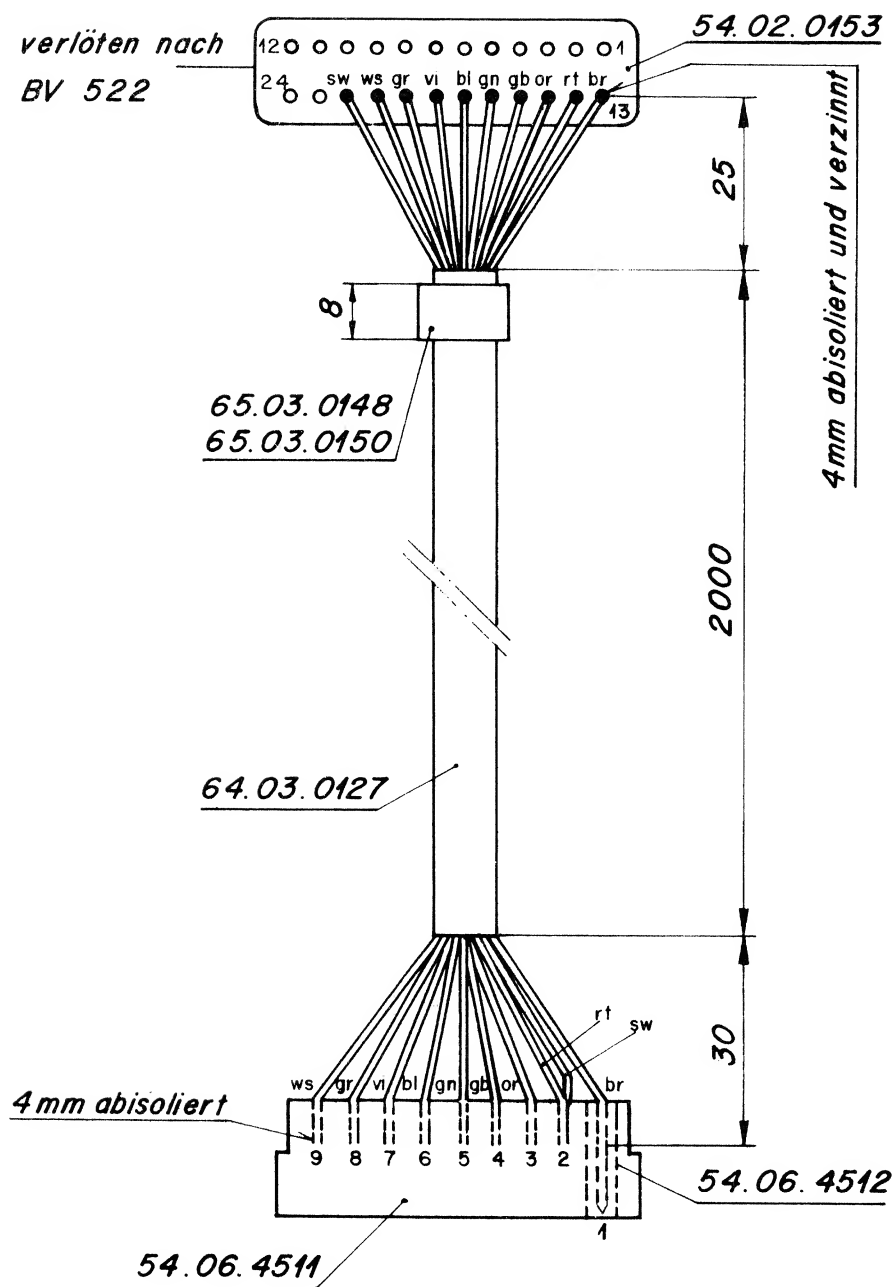
| | | | | | | | | | |
|--------------------------------|------------|---|----------|-------------------|---------|------|-------|------|-------|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | (3) |
| | DIN-Bez.: | | Beh.: | | | | | | (2) |
| | Abmessung: | | | | | | | | (1) |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 4.12.73 | Ho | | | (0) |
| | | ± | | Datum | | Gez. | Gepr. | Ges. | Index |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Laufwerkfernsteuerungs- kabel Aux. 5m | | Nummer: 1.228.278 | | | | | |



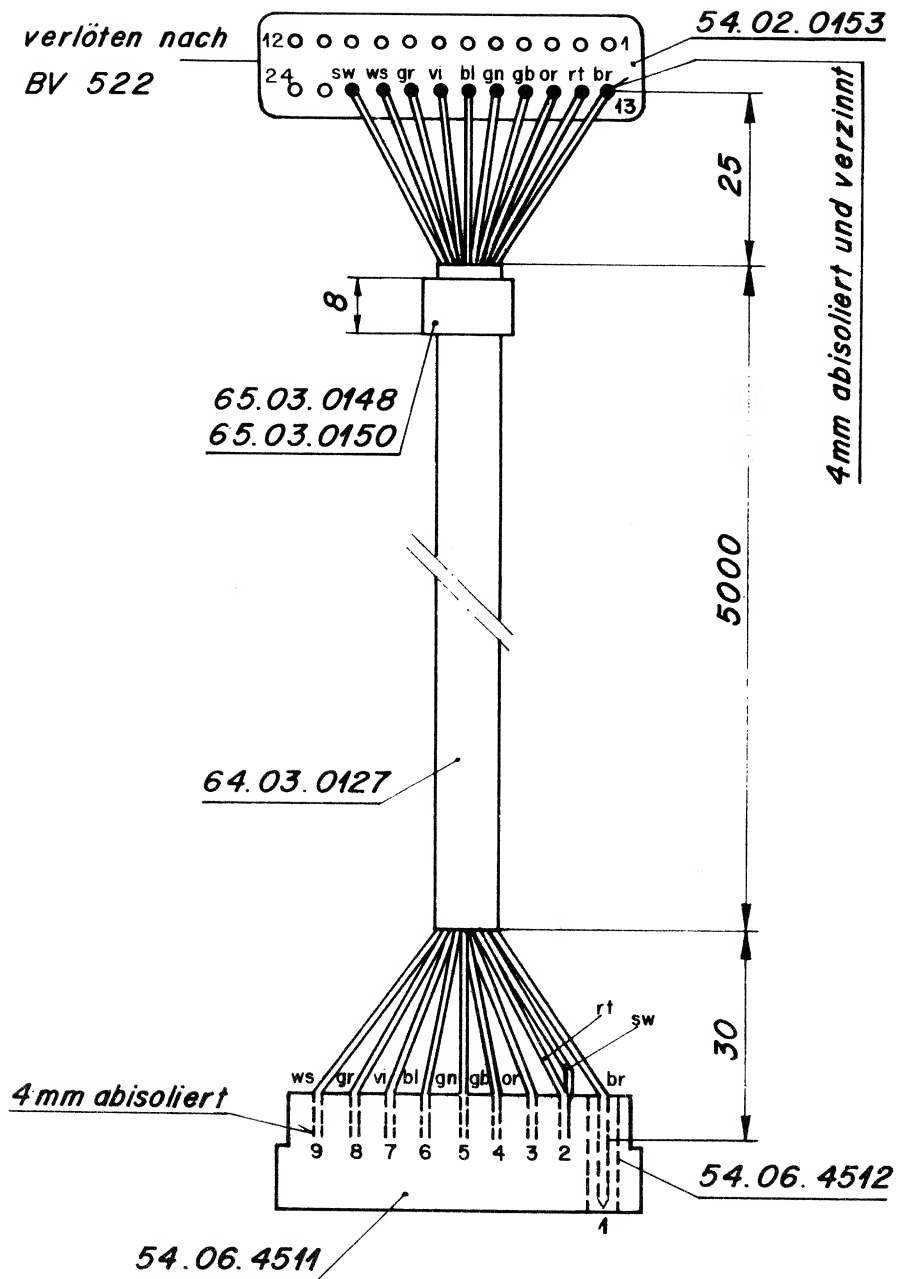
| | | | | | | | | | |
|--------------------------------|------------|---|----------|-------------------------------|----------|-------|------|-------|-----|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | (3) |
| | DIN-Bez.: | | Beh.: | | | | | | (2) |
| | Abmessung: | | | | | | | | (1) |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 15.10.73 | Ho | Ka | | (0) |
| | | ± _____ | _____ | Datum | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: <i>Zähler – Kabel</i> <i>0,5 m</i> | | Nummer: <i>1. 228. 306</i> | | | | | |



| | | | | | | | | |
|--------------------------------|------------|---|----------|------------|-----------------------------|-------|------|-------|
| Werkstoff | Norm-Nr.: | Güte: | | | | | | ③ |
| | DIN-Bez.: | Beh.: | | | | | | ② |
| | Abmessung: | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 15.10.73 | Ho | Ka | ④ |
| | | ± | | Datum | Gez. | Gepr. | Ges. | Index |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: Zähler - Kabel 1m | | | Nummer: 1.228.307 | | | |



| | | | | | | | | | |
|--------------------------------|------------|---|----------|------------------------------|----------|-------|------|-------|---|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | Änderung | | | | | ③ |
| | DIN-Bez.: | | Beh.: | | | | | | ② |
| | Abmessung: | | | | | | | | ① |
| Zugehörige Unterlagen: | | Freimasstoleranz: | Maßstab: | Ausgabe | 15.10.73 | Ho | Kg | | ① |
| | | ± — | — | Datum | Gez. | Gepr. | Ges. | Index | |
| Ersatz für: | | Ersetzt durch: | | Kopie für: | | | | | |
| STUDER REGENSDORF ZÜRICH | | Benennung: <i>Zähler – Kabel</i> 2m | | Nummer: <i>1. 228.308</i> | | | | | |



| | | | | | | | | | | | |
|--------------------------------|------------|--|-------|----------|----------|---------------------------|----------|------|-------|------|-------|
| Werkstoff | Norm-Nr.: | Oberfläche | Güte: | | Änderung | | | | | ③ | |
| | DIN-Bez.: | | Beh.: | | | | | | | ② | |
| | Abmessung: | | | | | | | | | ① | |
| Zugehörige Unterlagen: | | Freimasstoleranz: | | Maßstab: | | Ausgabe | 15.10.73 | Ho | Kr | ④ | |
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| Ersatz für: | | Ersetzt durch: | | | | Kopie für: | | | | | |
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